

**771-785 METROPOLITAN AVENUE**

**BROOKLYN, NEW YORK 11211**

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# **Remedial Investigation Report**

**NYC VCP Site Number: TBD**

**OER Site Number: 15EHAN382K**

**Prepared for:**

Adam America Real Estate  
850 Third Avenue, Suite 13D  
New York, New York 10022

**Prepared by:**

***EBC***

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# REMEDIAL INVESTIGATION REPORT

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## LIST OF ACRONYMS

<b>Acronym</b>	<b>Definition</b>
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	Photo-ionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

# CERTIFICATION

I, Chawinie Reilly, 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 Redevelopment Project located at 771-781 Metropolitan Avenue, Brooklyn, NY, (NYC VCP Site No. **TBD**). 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.

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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 771-785 Metropolitan Avenue in the East Williamsburg section of Brooklyn, New York, and is currently identified as Block 2760, Lots 28 and 35 on the New York City Tax Map. Figure 1 shows the Site location. The Lots are irregularly shaped lot consisting of 150 feet of street frontage on Metropolitan Avenue and approximately 100 feet of street frontage on Humboldt Street for a total of approximately 15,000 ft<sup>2</sup>. The Site is located on the north side of Metropolitan Avenue between Humboldt Street and Graham Avenue and is bordered by Humboldt Street to the east, a residential 1 and 2 family two-story building and a mixed use commercial and residential two-story building to the west, a two-story and a four-story residential multi-family walk up buildings and a one-story auto repair shop to the north, a three-story mixed residential and commercial building to the east beyond Humboldt Street, and multiple, 2 and 3-story residential multi-family walk up buildings and a mixed use residential and commercial two-story building to the south beyond Metropolitan Avenue. A map of the site boundary is shown on Figure 2.

The entire footprint Lot 35 is currently developed with a single-story commercial building that is vacant and previously used as a shoe store. Lot 28 is developed with a single-story commercial building occupying the west side of the lot that is currently vacant and previously used as a White Castle restaurant. The remaining portion of the lot is developed as a parking lot.

### Summary of Proposed Redevelopment Plan

The development project consists of redeveloping the lot with a 6-story commercial and residential apartment building with cellar level parking and storage space. The cellar level will consist of nineteen parking spaces, storage space, bike storage, computer room, electrical room, sprinkler room, water room, as well as a stairwell, and elevator. The first floor consists of open



commercial space, stairway, elevator, lobby for upper residential units. Floors 2 through 6 will consist of residential apartments.

The building and cellar will cover the entire lot and will require excavation of the entire lot to a depth of at least 14 feet below grade. Therefore, an estimated 11,394 tons of soil will require excavation for the new building's cellar. The water table is expected at approximately 24 feet below grade surface (bgs), and will therefore not be encountered during excavation.

Layout of the redevelopment plans for the cellar level as well as the proposed building's front elevation drawing are presented in Figure 3. The current zoning designation is R7A and C2-4. The proposed use is consistent with existing zoning for the property.

### **Summary of Past Uses of Site and Areas of Concern**

A Phase I Environmental Site Assessment was completed by EBC in 2014. The following Site history was established based on historic Sanborn maps:

771-785 Metropolitan – In 1887 the Site was developed with multiple dwellings and commercial buildings. In 1905, the Site was redeveloped with two dwellings, a junkyard, two-story store front, and a rags building. In 1916, the Site was occupied by a rags and paper stock operation with a junkyard in the northeast corner. In 1942, the Site was used as a pipe yard with two (2) one-story buildings and a garage and the northeast corner was developed with an auto repair shop. From 1951 to 1989, the garage was redeveloped with an iron pipe shop and the western side of the Site was redeveloped for rags and paper stock in a one-story building covering the entire lot. In 1989, the eastern lot was developed with a single-story commercial building towards the center of the lot. From 1989 to at least 2007 the Site has remained in its current configuration.

The properties are not listed on any of the Federal, State or City (with exception of the E) environmental databases. There is no record of tanks being registered to the properties. It is likely that the historic use of 771-785 Metropolitan Avenue as a junkyard and an auto repair shop were the reasons for the Hazmat E assigned to the two lots.



The properties were assigned E-designations (E-282) for Hazmat, Noise and Air during the Greenpoint-Williamsburg contextual rezoning action completed by the City in July 2009.

Areas of Concern (AOCs) identified for the Site include:

1. The presence of historic fill material to depths as great as 3 feet.
2. The presence of the auto repair shop in the northeast corner of the site.
3. The presence of two junk yards on the northeast corner and southeast side of the site in the early 1900's

### **Summary of the Work Performed under the Remedial Investigation**

EBC performed the following scope of work at the Site in September of 2014:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed three soil borings across the Site on September 11, 2014 and collected 6 soil samples for chemical analysis from the soil borings to evaluate soil quality. Installed three soil borings across the Site on September 12, 2014 and collected 6 soil samples for chemical analysis from the soil borings to evaluate soil quality. Installed five more soil borings across the Site on October 10, 2014 and collected 16 soil samples for chemical analysis from the soil borings to evaluate soil quality and delineate a lead hot spot located at B5;
3. Installed 3 groundwater monitoring wells throughout the Site and collected 6 groundwater samples and two duplicate groundwater sample for chemical analysis to evaluate groundwater quality; and
4. Installed six soil gas implants and collected five soil gas samples for chemical analysis.

### **Summary of Environmental Findings**

1. The elevation of the Site is approximately 48 feet.
2. Depth to groundwater is estimated to be approximately 24 feet below sidewalk grade.
3. Groundwater flow is generally east.
4. Depth to bedrock is at the Site is greater than 100 feet.



5. The stratigraphy of the Site surrounding the existing foundation slab from the surface down consists of historic fill material to depths as great as 3 feet, underlain by native silty-sand.
6. Soil/fill samples results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives and Restricted Residential Soil Cleanup Objectives as presented in 6NYCRR Part 375-6.8 and CP51. Soil/fill samples detected one VOC, acetone (maximum [max] of 340 µg/kg), was found in the shallow soil samples exceeding Unrestricted Use SCOs. Several VOCs were detected at trace amounts, 1,2,4-Trimethylbenzene (max of 2.1 µg/kg), 1,3,5-Trimethylbenzene (1.9 µg/kg), carbon disulfide (max of 17 µg/kg), ethylbenzene (2.8 µg/kg), m&p xylenes (max of 14 µg/kg), methyl ethyl ketone (max of 45 µg/kg), methyl chloride (max of 3.4 µg/kg), naphthalene (max of 1,800 µg/kg), n-butylbenzene (1.8 µg/kg), o xylene (max of 15 µg/kg), p-isopropyltoluene (max of 1.8 µg/kg), and toluene (max of 69 µg/kg). Seven SVOCs, including benz(a)anthracene (max of 11,000 µg/kg), benzo(a)pyrene (max of 10,000 µg/kg), benzo(b)-fluoranthene (max of 13,000 µg/kg), benzo(k)fluoranthene (max of 4,400 µg/kg), chrysene (max of 12,000 µg/kg), dibenz(a,h)anthracene (580 µg/kg), and indeno(1,2,3-cd)pyrene (max of 5,600 µg/kg), were detected above Restricted Residential Use SCOs within four of the seven shallow soil samples. One SVOC, 2-methylnaphthalene (160 µg/kg ) was detected in one deeper soil sample at trace amounts. Several SVOCs including, 2-methylnaphthalene (max of 1,100 µg/kg), acenaphthene (max of 3,800 µg/kg), acenaphthylene (max of 410 µg/kg), fluoranthene (max of 25,000 µg/kg), fluorine (max of 3,800 µg/kg), naphthalene (max of 2,800 µg/kg), phenanthrene (max of 26,000 µg/kg), and pyrene (max of 23,000 µg/kg) were detected in trace amounts in the shallow soil samples collected. No pesticides above Unrestricted Use SCOs were detected within any of the soil samples collected. One PCB; PCB-1260 (max of 160 µg/kg) was found in two of the shallow soil samples exceeding Unrestricted Use SCOs. Several metals including arsenic (13.4 mg/kg), chromium (max of 55.1 mg/kg), copper (max of 593 mg/kg), lead (max of 18,100 mg/kg), mercury (max of 41.3 mg/kg), nickel (max of 77.7 mg/kg), silver (max of 23.3 mg/kg), and zinc (max of 2,490 mg/kg) exceeded Unrestricted Use SCOs within shallow soil samples. Of these metals, arsenic, copper, lead, mercury, and zinc also exceeded Restricted Residential Use SCOs. Barium (max of 528 mg/kg) and

cadmium (max of 6.02 mg/kg) also exceeded Restricted Residential Use SCOs. Lead also exceeded Unrestricted Use SCOs in one of the deep soil samples. Overall, with the exception of the lead hot-spot identified at the B5 soil boring location, the soil results were consistent with data identified at sites with historic fill material in NYC.

7. Groundwater samples results were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Groundwater samples showed no PCBs at detectable concentrations. Two VOCs including, acetone (max of 800 µg/L) and benzene (max of 0.79 µg/L) were detected above GQS. The following VOCs were detected at trace amounts; carbon disulfide (2.8 µg/L), chloromethane (0.72 µg/L), methyl ethyl ketone (32 µg/L), and methyl t-butyl ether (0.99 µg/L). Five SVOCs, including benz(a)anthracene (max of 0.07 µg/L), benzo(b) fluoranthene (0.07 µg/L), benzo(k)fluoranthene (0.06 µg/L), chrysene (0.06 µg/L), and indeno(1,2,3-cd)pyrene (0.02 µg/L) were detected above GQS in two groundwater samples. One SVOC, bis(2-ethylhexyl)phthalate (max of 85 µg/L), was detected at trace amounts in all groundwater samples. One pesticide, dieldrin (0.005 µg/L), was detected above GQS in one sample. Several metals including, aluminum (max of 0.79 mg/L), arsenic (0.003 mg/L), barium (max of 0.191 mg/L), calcium (max of 162 mg/L), chromium (0.001 mg/L), cobalt (max of 0.006 mg/L), copper (max of 0.008 mg/L), magnesium (max of 22 mg/L), nickel (max of 0.025 mg/L), potassium (max of 32.8 mg/L) and zinc (max of 0.009 mg/L) were detected at trace concentrations. Three metals; iron (max of 20 mg/L), manganese (max of 4.09 mg/L), and sodium (max of 326 mg/L) exceeded their respective GQS in all groundwater samples.
8. Soil vapor results collected during the RI were compared to the compounds listed in Vapor Intrusion Matrices in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion, dated October 2006. Total concentrations of petroleum-related VOCs (BTEX) ranged from 17.27 µg/m<sup>3</sup> to 78.61 µg/m<sup>3</sup>. The CVOC trichloroethylene (TCE) was detected in two of the five soil gas samples at concentrations of 2.42 µg/m<sup>3</sup> and 9.5 µg/m<sup>3</sup>. Tetrachloroethylene was detected in all five soil gas samples ranging in concentration from 1.83 µg/m<sup>3</sup> to 42.9 µg/m<sup>3</sup>. 1,1,1-trichloroethane (max of 2.4 µg/m<sup>3</sup>) was detected within four of the five soil gas samples. Carbon tetrachloride was not detected in any of the soil vapor samples. The TCE

concentrations were above the monitoring level ranges established within the NYSDOH Final Guidance on Soil Vapor Intrusion.



# REMEDIAL INVESTIGATION REPORT

## 1.0 SITE BACKGROUND

Adam America Real Estate has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.17-acre Site located at 771-785 Metropolitan Avenue in the East Williamsburg section of Brooklyn, New York. The Site will be redeveloped with a 6-story commercial and residential building with a full cellar level commercial. The portion of the RI work conducted on the Site was conducted in September and October of 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 771-785 Metropolitan Avenue in the East Williamsburg section of Brooklyn, New York, and is currently identified as Block 2760, Lots 28 and 35 on the New York City Tax Map. Figure 1 shows the Site location. Lot 28 and 35 create an irregularly shaped lot consisting of 150 feet of street frontage on Metropolitan Avenue and 100 feet of street frontage on Humboldt Street for a total of approximately 15,000 ft<sup>2</sup>. The Site is located on the north side of Metropolitan Avenue between Humboldt Street and Graham Avenue and is bordered by Humboldt Street to the east, a residential 1 and 2 family two-story building and a mixed use commercial and residential two-story building to the west, a two-story and a four-story residential multi-family walk up buildings and a one-story auto repair shop to the north, a three-story mixed residential and commercial building to the east beyond Humboldt Street, and multiple, 2 and 3-story residential multi-family walk up buildings and a mixed use residential and commercial two-story building to the south beyond Metropolitan Avenue. A map of the site boundary is shown on Figure 2.

The entire footprint Lot 35 is currently developed with a single-story commercial building that is vacant and previously used as a shoe store. Lot 28 is developed with a single-story commercial building occupying the west side of the lot that is currently vacant and previously used as a White Castle restaurant. The remaining portion of the lot is developed as a parking lot.

## 1.2 Proposed Redevelopment Plan

The development project consists of redeveloping the lot with a 6-story commercial and residential apartment building with cellar level parking and storage space. The cellar level will consist of nineteen parking spaces, storage space, bike storage, computer room, electrical room, sprinkler room, water room, as well as a stairwell, and elevator. The first floor consists of open commercial space, stairway, elevator, lobby for upper residential units. Floors 2 through 6 will consist of residential apartments.

The building and cellar will cover the entire lot and will require excavation of the entire lot to a depth of at least 14 feet below grade. Therefore, an estimated 11,394 tons of soil will require excavation for the new building's cellar. The water table is expected at approximately 24 feet below grade surface (bgs), and will therefore not be encountered during excavation.

Layout of the redevelopment plans for the cellar level as well as the proposed building's front elevation drawing are presented in Figure 3. The current zoning designation is R7A and C2-4. The proposed use is consistent with existing zoning for the property.

## 1.3 Description of Surrounding Property

The area immediately surrounding Site consists of a 1 and 2 family two-story building to the west, residential streets consisting of 2 and 3-story multi-family walk ups to the south beyond Metropolitan Avenue, a 4-story multi-family walk ups, two-story 1 and 2 family building, and an auto repair shop to the north, and mixed residential and commercial pet grooming facility to the east beyond Humboldt Street. Figure 4 shows the surrounding land usage of the adjacent properties listed below as well as additional properties located up to 500 feet away from the Site. No hospitals or schools facilities are located within a 250 ft radius of the Site. A daycare facility is located within a 250 ft radius of the Site at 201 Conselyea Street to the north.

### Surrounding Property Usage

Direction	Property Description
North – Adjacent	Block 2760, Lots 20, 21, 22, and 24 – 188, 190, and 192 Conselyea Street, 385 Humboldt Street

	Multiple 25 ft wide lots, developed with 4-story multi-family walk up, 2-story 1 and 2 family residential building, a parking lot, and an auto repair shop.
<b>South –</b> Opposite side of Metropolitan Avenue	<u>Block 2765 Lots 17, 18, 19, and 20 – 772-778 Metropolitan Avenue and 365 Humboldt Street</u> Three 25ft wide lots, each developed with a 2 or 3-story multi-family walk-up with rear yards behind each building and a 2-story mixed residential and commercial building with a deli occupying the first floor.
<b>East –</b> Opposite side of Humboldt Street	<u>Block 2892, Lot 1 - 1 Maspeth Avenue</u> A 3,800 ft <sup>2</sup> lot developed with a 3-story mixed residential and commercial building with a pet grooming facility occupying the first floor and a rear yard.
<b>West –</b> Adjacent Property	<u>Block 2760, Lot 36 – 769 Metropolitan Avenue</u> A 2,100 ft <sup>2</sup> lot developed with a 2-story residential 1 and 2 family building with a rear yard.

## **2.0 SITE HISTORY**

### **2.1 Past Uses and Ownership**

A Phase I Environmental Site Assessment was completed by EBC in 2014. The following Site history was established based on historic Sanborn maps:

771-785 Metropolitan – In 1887 the Site was developed with multiple dwellings and commercial buildings. In 1905, the Site was redeveloped with two dwellings, a junkyard, two-story store front, and a rags building. In 1916, the Site was occupied by a rags and paper stock operation with a junkyard in the northeast corner. In 1942, the Site was used as a pipe yard with two (2) one-story buildings and a garage and the northeast corner was developed with an auto repair shop. From 1951 to 1989, the garage was redeveloped with an iron pipe shop and the western side of the Site was redeveloped for rags and paper stock in a one-story building covering the entire lot. In 1989, the eastern lot was developed with a single-story commercial building towards the center of the lot. From 1989 to at least 2007 the Site has remained in its current configuration.

The properties are not listed on any of the Federal, State or City (with exception of the E) environmental databases. There is no record of tanks being registered to the properties. It is likely that the historic use of 771-785 Metropolitan Avenue as a junkyard and an auto repair shop were the reasons for the Hazmat E assigned to the two lots.

The properties were assigned E-designations (E-282) for Hazmat, Noise and Air during the Greenpoint-Williamsburg contextual rezoning action completed by the City in July 2009.

### **2.2 Previous Investigations**

EBC conducted a Phase I Environmental Site Assessment in 2014 and is further discussed below:

The Site consists of two tax lots which are located on the north side of Metropolitan Avenue in the East Williamsburg Section of the Borough of Brooklyn, City of New York, Kings County, New York. The Street address associated with the Site is 771-785 Metropolitan Avenue, Brooklyn, New York 11211 and is identified as Block 2760 and Lots 35 and 28 in the New York

City (NYC) Tax Map. The lot is irregularly shaped and approximately 15,937 square feet (s.f.) in total with approximately 175 feet of total street frontage on Metropolitan Avenue.

EBC was able to establish a history for the property dating back to 1887. In 1887, the Site was developed with three two-story dwellings, two single-story carpenters facilities, two stables, a wagon house, two single-story stores and five small single-story structures. In 1905 the Site was occupied by four stables, one carpenter, a single-story building, a single story building with an office, two small single-story buildings, two stores, one single- and one two-story. The dwellings no longer exist and there is now an open space on the west side of the lot designated as junk. In 1916 the office, a stable and the junk space has now been developed into a rags and paper facility, wagon shed and stable. One of the stables has been replaced with a building designated for hay and feed along with a small stable. The building containing rags is now designated for junk. In 1942, the rags and paper facility, wagon shed and stable remain the same on the west side of the lot, and the rest of the lot now contains a building containing automobiles, three small single-story structures, and the rest is designated as a pipe yard. A small portion of the northeast side of the current day Site contains the corner of an adjacent building, which in 1942 was being used as an auto repair shop. In 1951 the rags and paper stock building now includes the hay and feed building and the stable. The pipe yard now contains one additional small single-story building. The building on the south side of the lot that contained automobiles is now an iron pipe shop. In 1965 one of the single story structures, in the southeast corner of the lot, is serving as an office. In 1978 the rags and paper facility is now for waste paper and one of the structures in the center of the pipe yard has been expanded east and south. In 1989 the waste paper facility remains on the west side of the lot remains, and the rest of the Site is now undeveloped except for a commercial building at the center of the Site labeled 'iron'. The site still contains the small portion of the auto repair shop at the northeast corner and it remains this way until at least 2007. In 2008 the commercial building became a fast food restaurant, White Castle, and in 2013 the waste paper facility is listed as a basement corporation.

Based upon reconnaissance of the Site and surrounding properties, interviews and review of historical records and regulatory agency databases, *this assessment has revealed two recognized environmental conditions in connection with the Site and is further discussed below:*

- In 1916 and 1932, the northeast and southeast corners of the Site, respectively, were developed and used as junkyards. Junkyards typically process hazardous materials including petroleum hydrocarbons, heavy metals and acids. There is a potential that these products were improperly stored or released at the site.
- A portion of the Site was formerly occupied by an auto repair facility. Auto repair operations typically store and utilize solvents and petroleum products on-site including oil, waste oil, antifreeze, battery acid, grease, antifreeze, and solvent parts washers (containing perchloroethylene).

A Phase II subsurface investigation from September to October of 2014 and is further discussed below:

The field work portion of the investigation was performed on September 11 through October 10, 2014. The work consisted of the installation of eleven soil borings, three monitoring wells and six soil gas implants and the collection and analysis of related samples.

Seven soil boring locations (B1 through B7) were selected as shown on **Figure 2** to gain representative soil quality information from across the site. Due to a high lead concentration in boring B5 on Lot 35, four lead delineation borings (B8-B11) were added on October 10.

All borings were advanced with Geoprobe™ direct push equipment using either a 54LT or 6712DT track mounted probe. Soil samples were collected continuously using either a 4 ft or 5 ft dual tube sampling system with disposable acetate liners. Borings B1-B7 were advanced to a depth of 15 feet. Delineation borings B8-B11 were advanced to a total depth of 6 feet. Retrieved sample cores were characterized by an Environmental Professional and field screened for the presence of volatile organic compounds (VOCs) using a photo-ionization detector (PID).

Two soil samples were retained from borings B1-B7 including the 0-2 ft and either the 8-10 or 12-14 ft intervals. Samples from the delineation borings included samples from the 0-2, 2-4 and 4-6 ft intervals with the exception of boring B8 in which only the 2-4 ft interval was obtained. Subsurface obstructions at this location prevented the collection of the additional intervals.

Soil was characterized as a brown silty-sand with some historic fill material mixed in from surface grade to approximately 3 feet below grade followed by a brown silty-sand to the termination depth. Groundwater was present at approximately 24 ft below grade.

EBC installed three monitoring wells (MW1- MW3) on September 11, 2014. A total of six soil gas sampling points were installed across the site. All soil gas sampling locations (SG1 through SG6) were installed to a depth of 12 feet below grade.

Prior to sampling, each sampling location was tested to ensure a proper surface seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1ft by 1ft square sheet of plastic adhered to a wetted layer of granular bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector. No surface seal leaks were observed at any of the locations.

Subsurface soil at the site consisted of urban fill, which was primarily comprised of brick, concrete, and other debris in a brown sandy matrix to a depth of approximately 3 feet, underlain by native silty-sand to the termination depth of 15 feet below grade. Groundwater is present at a depth of approximately 24 feet below surface grade.

With the exception of acetone, a common laboratory introduced contaminant, there were no VOCs reported above SCOs in any of the soil samples analyzed. The SVOCs, PCBs and metals reported above SCOs are all related to the fill material present on-site and do not indicate a release associated with historic use of the property.

Lead was reported at high concentrations in the 0-2 ft interval of B5. Further delineation of this condition identified an approximate 650 sf area with lead above the TCLP limit to depths of between 2 and 4 ft. Note that under a redevelopment scenario this area will need to be excavated and disposed of separately from the rest of the fill present on -site. Costs for soil disposal with lead above the TCLP criteria will be approximately \$ 125/ton and require an EPA ID number. NYS Waste generation fees will be waived in this case since the work would be part of a redevelopment project performed under the NYC Voluntary Cleanup program.

Two VOCs were reported above groundwater standards, benzene at 0.79 ug/L in MW1 and acetone at 800 ug/L in MW3. Acetone is a common laboratory introduced contaminant which is unlikely to be related to the historic use of the property. The low level of benzene is not of concern and is likely associated with background conditions.

The petroleum VOCs and CVOCs reported in soil gas were also consistent with background conditions in the area. Such detections are commonly reported in soil gas samples in current or former commercial areas of Brooklyn. The PCE and TCE concentrations reported were below recommended NYSDOH mitigation levels. Based on our experience a passive subslab venting system may be required under a redevelopment scenario along with an upgraded vapor barrier (20 mil) which is required on all redevelopment projects with an E-designation. If this portion of the Site were to remain open or if it were to be used for parking then the venting system would not be needed.

### **2.3 Site Inspection**

Mr. Kevin Waters of EBC performed a site inspection on October 17 2014, beginning at approximately 12:00 pm. The reconnaissance included a visual inspection of the property, the sidewalk in front of the Site, two-story residential building adjacent to the west. The Site consisted of two vacant single-story buildings. The building the previously occupied the white castle had a basement covering the entire footprint of the building. A parking lot was also associated with the white castle building. No evidence of an aboveground or underground storage tank was observed during the site inspection.

## 2.4 Areas of Concern

Areas of Concern (AOCs) identified for the Site include:

1. The presence of historic fill material to depths as great as 3 feet.
2. The presence of the auto repair shop in the northeast corner of the site.
3. The presence of two junk yards on the northeast corner and southeast side of the site in the early 1900's.

## 3.0 PROJECT MANAGEMENT

### 3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Chawinie Reilly.

### **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

EBC performed the following scope of work at the Site in September of 2014:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed three soil borings across the Site on September 11, 2014 and collected 6 soil samples for chemical analysis from the soil borings to evaluate soil quality. Installed three soil borings across the Site on September 12, 2014 and collected 6 soil samples for chemical analysis from the soil borings to evaluate soil quality. Installed five more soil borings across the Site on October 10, 2014 and collected 16 soil samples for chemical analysis from the soil borings to evaluate soil quality and a lead hot spot at B5;
3. Installed 3 groundwater monitoring wells throughout the Site and collected 6 groundwater samples and two duplicate groundwater sample for chemical analysis to evaluate groundwater quality; and
4. Installed six soil gas implants and collected five soil gas samples for chemical analysis.

### 4.1 Geophysical Investigation

A geophysical investigation was not performed as a part of this assessment.

### 4.2 Borings and Monitoring Wells

#### Drilling and Soil Logging

On September 11, 2014 three soil borings (B1 through B3) were installed in the approximate locations shown on Figure 5. On September 15, 2014 three soil borings (B4 through B6) were installed in the approximate locations shown on figure 5. On October 10, 2014 five soil borings (B7 through B11) were installed in the approximate locations shown on Figure 5. The eleven soil boring locations were chosen to gain representative soil quality information across the Site. For each of the borings B1-B3, B6, and B7 soil samples were collected continuously from grade to a final depth of 15 feet below existing grade using a five-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. For each of the borings B8-B11 soil samples were collected continuously from grade to a final depth of 8 feet below existing grade using a five-foot macro-core sampler with acetate liners and Geoprobe direct-push equipment. For each of the borings B4 and B5 soil samples were collected continuously from grade to a final depth of 10 feet below existing grade using a five-foot macro-core sampler with acetate liners and

Geoprobe direct-push equipment. Soil recovered from each of the soil borings was field screened for the presence of VOCs with a photoionization detector (PID) and visually inspected for evidence of contamination. PID readings above background concentrations were detected in shallow soil in B1 and B3, and in deeper soil from B7. From borings B1-B3, B6, and B7, soil samples were retained for laboratory analysis from intervals 0 to 2 feet below grade and 12 to 14 feet below grade. From borings B4 and B5, soil samples were retained for laboratory analysis from intervals 0 to 2 feet below grade and 8 to 10 feet below grade. From borings B9-B11, soil samples were retained for laboratory analysis from intervals 0 to 2 feet below grade, 2 to 4 feet below grade, and 4 to 6 feet below grade. Borings B9 to B11 were installed surrounding the lead hot spot located at B5.

Soil boring details are provided in Table 1. Boring logs were prepared by a Qualified Environmental Professional and are attached in Attachment B.

#### **Groundwater Monitoring Well Construction**

Two temporary 1-inch diameter PVC monitoring wells (MW1 and MW3) with 10 feet of 0.010 slot screen were installed by EBC at the approximate locations shown on Figure 5, set to intersect the water table. Since groundwater was encountered at approximately 24 feet below grade, monitoring wells were installed to a depth of 35-40 feet. Monitoring well sampling details are provided in Table 1. Monitoring well locations are shown in Figure 5.

#### **Survey**

Soil borings, monitoring wells and soil gas sampling locations were located to the nearest 0.10 foot with respect to two or more permanent site features.

#### **Water Level Measurement**

Approximate groundwater level measurements were collected using a Solinst oil/water interface meter to ensure the surface of the water table was within the screened section of the monitoring well. No free product was observed within the two monitoring wells. Water level data is included in Table 1.

### **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 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**

Fourteen soil samples were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Tables 2, 3, 4 and 5. Figure 5 shows the location of samples collected during this RI. Laboratories and analytical methods for soil samples collected during the RI are shown below.

The twenty eight soil samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis with proper chain of custody to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). All soil samples were analyzed for the presence of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082, and target analyte list (TAL) metals.

### **Groundwater Sampling**

Six groundwater samples and two duplicate samples were collected for chemical analysis during this RI. Groundwater samples were collected from the monitoring wells utilizing dedicated polyethylene tubing and a peristaltic pump. Groundwater samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix for analysis of VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and TAL metals. Groundwater sample collection data is reported in Tables 6 through 9. Sampling logs with information on purging and sampling of groundwater monitoring

wells are included in Appendix C. Figure 5 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

### **Soil Vapor Sampling**

Six soil vapor probes (SG1 through SG6) were installed and five soil vapor samples were collected for chemical analysis during this RI. SG3 was not collected due to a malfunction of the summa canister. The six soil vapor sampling locations are shown in Figure 5. Soil vapor sample collection data is reported in Table 10, and the soil vapor sampling logs are included in Attachment D. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

All five soil vapor probes were installed using Geoprobe™ equipment and tooling. The approximate location of each of the soil vapor probes is shown on Figure 5. The vapor probes that were installed were the Geoprobe™ Model AT86 series, which are constructed of a 6-inch length of double woven stainless steel wire. The five soil vapor probes installed on September 15, 2014, were installed to a depth of 12 feet below grade. Each probe was attached to ¼ inch polyethylene tubing which extended approximately 18 inches beyond that needed to reach the surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the probe to a height of approximately 1 foot above the bottom of the probe. The remainder of the borehole was sealed with a bentonite slurry to the surface.

Soil vapor sampling for the five soil vapor probes was conducted on October 2 and October 17, 2014. Prior to sampling, each sampling location was tested to ensure a proper surface seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1 foot ft by 1 ft square sheet of 2 mil HDPE plastic firmly adhered to a wetted layer of granular bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector (Dielectric Model

MGD-2002, Multi-Gas Detector) for a minimum of 15 minutes. The tracer gas test procedure was employed at all four soil vapor sampling locations. No surface seal leaks were observed at any of the locations.

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the sample probe and tube) of air was purged from the implant using a calibrated vacuum pump. After purging, a 6-liter Summa® canister, fitted with a 2-hour flow regulator, was attached to the surface tube of each of the four 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 bound field note book. 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 book 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 and on a sample log sheet (Attachment D). Samples were submitted to Phoenix for laboratory analysis of VOCs EPA Method TO-15.

### 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 Phoenix Environmental Laboratories
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was Phoenix Environmental Laboratories
Chemical Analytical Methods	Soil and groundwater analytical methods: <ul style="list-style-type: none"> <li>• TAL Metals by EPA Method 6010C (rev. 2007);</li> <li>• TCLP Lead by EPA Method SW6010 and 1311;</li> <li>• VOCs by EPA Method 8260C (rev. 2006);</li> <li>• SVOCs by EPA Method 8270D (rev. 2007);</li> </ul>

	<ul style="list-style-type: none"><li>• Pesticides by EPA Method 8081B (rev. 2000);</li><li>• PCBs by EPA Method 8082A (rev. 2000);</li></ul> Soil vapor analytical methods: <ul style="list-style-type: none"><li>• VOCs by TO-15 VOC parameters.</li></ul>
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### Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 2 through 10. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Attachment E.

## 5.0 ENVIRONMENTAL EVALUATION

### 5.1 Geological and Hydrogeological Conditions

#### Stratigraphy

The stratigraphy of the Site from the surface down consists of a layer of historic fill material that extends to depths as great as 3 feet below grade in some areas, underlain by native brown silty sand.

#### Hydrogeology

A table of water level data for monitoring wells MW1 through MW3 is included in Table 1. The average depth to groundwater is 24 feet. Groundwater flow is generally east. A survey was conducted on the monitoring wells that determined the groundwater flow direction.

### 5.2 Soil Chemistry

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Tables 2 through 5. Figure 6 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives.

Data collected during the RI detected one VOC, acetone (maximum [max] of 340 µg/kg), was found in the shallow soil samples exceeding Unrestricted Use SCOs. Several VOCs were detected at trace amounts, 1,2,4-Trimethylbenzene (max of 2.1 µg/kg), 1,3,5-Trimethylbenzene (1.9 µg/kg), carbon disulfide (max of 17 µg/kg), ethylbenzene (2.8 µg/kg), m&p xylenes (max of 14 µg/kg), methyl ethyl ketone (max of 45 µg/kg), methyl chloride (max of 3.4 µg/kg), naphthalene (max of 1,800 µg/kg), n-butylbenzene (1.8 µg/kg), o xylene (max of 15 µg/kg), p-isopropyltoluene (max of 1.8 µg/kg), and toluene (max of 69 µg/kg). Seven SVOCs, including benz(a)anthracene (max of 11,000 µg/kg), benzo(a)pyrene (max of 10,000 µg/kg), benzo(b)-fluoranthene (max of 13,000 µg/kg), benzo(k)fluoranthene (max of 4,400 µg/kg), chrysene (max of 12,000 µg/kg), dibenz(a,h)anthracene (580 µg/kg), and indeno(1,2,3-cd)pyrene (max of 5,600 µg/kg), were detected above Restricted Residential Use SCOs within four of the seven shallow soil samples. One SVOC, 2-methylnaphthalene (160 µg/kg ) was detected in one deeper soil sample at trace amounts. Several SVOCs including, 2-methylnaphthalene (max of 1,100 µg/kg),

acenaphthene (max of 3,800 µg/kg), acenaphthylene (max of 410 µg/kg), fluoranthene (max of 25,000 µg/kg), fluorine (max of 3,800 µg/kg), naphthalene (max of 2,800 µg/kg), phenanthrene (max of 26,000 µg/kg), and pyrene (max of 23,000 µg/kg) were detected in trace amounts in the shallow soil samples collected. No pesticides above Unrestricted Use SCOs were detected within any of the soil samples collected. One PCB; PCB-1260 (max of 160 µg/kg) was found in two of the shallow soil samples exceeding Unrestricted Use SCOs. Several metals including arsenic (13.4 mg/kg), chromium (max of 55.1 mg/kg), copper (max of 593 mg/kg), lead (max of 18,100 mg/kg), mercury (max of 41.3 mg/kg), nickel (max of 77.7 mg/kg), silver (max of 23.3 mg/kg), and zinc (max of 2,490 mg/kg) exceeded Unrestricted Use SCOs within shallow soil samples. Of these metals, arsenic, copper, lead, mercury, and zinc also exceeded Restricted Residential Use SCOs. Barium (max of 528 mg/kg) and cadmium (max of 6.02 mg/kg) also exceeded Restricted Residential Use SCOs. Lead also exceeded Unrestricted Use SCOs in one of the deep soil samples. Overall, with the exception of the lead hot-spot identified at the B5 soil boring location, the soil results were consistent with data identified at sites with historic fill material in NYC.

Four lead delineation borings (B8-B11) were installed around B5 to determine the extent of soil with lead that exceeds the TCLP criteria for soil disposal. Results indicated an area approximately 33 cubic yard or 50 tons was present on site.

### 5.3 Groundwater Chemistry

Groundwater samples collected during the RI showed no PCBs at detectable concentrations. Two VOCs including, acetone (max of 800 µg/L) and benzene (max of 0.79 µg/L) were detected above GQS. The following VOCs were detected at trace amounts; carbon disulfide (2.8 µg/L), chloromethane (0.72 µg/L), methyl ethyl ketone (32 µg/L), and methyl t-butyl ether (0.99 µg/L). Five SVOCs, including benz(a)anthracene (max of 0.07 µg/L), benzo(b)fluoranthene (0.07 µg/L), benzo(k)fluoranthene (0.06 µg/L), chrysene (0.06 µg/L), and indeno(1,2,3-cd)pyrene (0.02 µg/L) were detected above GQS in two groundwater samples. One SVOC, bis(2-ethylhexyl)phthalate (max of 85 µg/L), was detected at trace amounts in all groundwater samples. One pesticide, dieldrin (0.005 µg/L), was detected above GQS in one sample. Several

metals including, aluminum (max of 0.79 mg/L), arsenic (0.003 mg/L), barium (max of 0.191 mg/L), calcium (max of 162 mg/L), chromium (0.001 mg/L), cobalt (max of 0.006 mg/L), copper (max of 0.008 mg/L), magnesium (max of 22 mg/L), nickel (max of 0.025 mg/L), potassium (max of 32.8 mg/L) and zinc (max of 0.009 mg/L) were detected at trace concentrations. Three metals; iron (max of 20 mg/L), manganese (max of 4.09 mg/L), and sodium (max of 326 mg/L) exceeded their respective GQS in all groundwater samples.

#### **5.4 Soil Vapor Chemistry**

Data collected during the RI indicated total concentrations of petroleum-related VOCs (BTEX) ranged from 17.27  $\mu\text{g}/\text{m}^3$  to 78.61  $\mu\text{g}/\text{m}^3$ . The CVOC; trichloroethylene (TCE) was detected in two of the five soil gas samples at concentrations of 2.42  $\mu\text{g}/\text{m}^3$  and 9.5  $\mu\text{g}/\text{m}^3$ . Tetrachloroethylene was detected in all five soil gas samples ranging in concentration from 1.83  $\mu\text{g}/\text{m}^3$  to 42.9  $\mu\text{g}/\text{m}^3$ . 1,1,1-trichloroethane (max of 2.4  $\mu\text{g}/\text{m}^3$ ) was detected within four of the five soil gas samples. Carbon tetrachloride was not detected in any of the soil vapor samples. The TCE concentrations were above the monitoring level ranges established within the NYSDOH Final Guidance on Soil Vapor Intrusion.

#### **5.4 Prior Activity**

Based on an evaluation of the data and information from the RIR, approximately 33 cubic feet or 50 tons of hazardous soil; with lead and above TCLP criteria was identified at the Site.

#### **5.5 Impediments to Remedial Action**

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

# **TABLES**

Table 1  
 771-785 Metropolitan Avenue,  
 Brooklyn, NY  
 Soil Boring / Well Information

SAMPLE ID	Date	Total Depth (ft)	Diameter (in)	Construction Materials	Screen Length (ft)	DTW (ft)
B1	9/11/2014	15	2	Geoprobe Direct Push	-	-
B2	9/11/2014	15	2	Geoprobe Direct Push	-	-
B3	9/11/2014	15	2	Geoprobe Direct Push	-	-
B4	9/15/2014	10	2	Geoprobe Direct Push	-	-
B5	9/15/2014	10	2	Geoprobe Direct Push	-	-
B6	9/15/2014	16	2	Geoprobe Direct Push	-	-
B7	10/10/2014	16	2	Geoprobe Direct Push	-	-
B8	10/10/2014	8	2	Geoprobe Direct Push	-	-
B9	10/10/2014	8	2	Geoprobe Direct Push	-	-
B10	10/10/2014	8	2	Geoprobe Direct Push	-	-
B11	10/10/2014	8	2	Geoprobe Direct Push	-	-
MW1	9/25/2014	40	1	PVC	10.00	23.92
MW2	9/25/2014	40	1	PVC	10.00	24.70
MW3	9/25/2014	35	1	PVC	10.00	24.41

TABLE 2A  
785 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3			
			(0-2')		(12-14')		(0-2')		(12-14')		(0-2')		(12-14')	
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1,1-Trichloroethane	680	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1,2,2-Tetrachloroethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1,2-Trichloroethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1-Dichloroethane	270	26,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1-Dichloroethene	330	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1-Dichloropropene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2,3-Trichlorobenzene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2,3-Trichloropropane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2,4-Trichlorobenzene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2,4-Trimethylbenzene	3,600	52,000	<b>1.2</b>	8.2	< 9.5	9.5	<b>2.1</b>	9	< 7.4	7.4	< 11	11	< 13	13
1,2-Dibromo-3-chloropropane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2-Dibromomethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2-Dichlorobenzene	1,100	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2-Dichloroethane	20	3,100	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2-Dichloropropane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,3,5-Trimethylbenzene	8,400	52,000	<b>1.9</b>	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,3-Dichlorobenzene	2,400	4,900	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,3-Dichloropropane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,4-Dichlorobenzene	1,800	13,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
2,2-Dichloropropane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
2-Chlorotoluene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
2-Hexanone (Methyl Butyl Ketone)			< 41	41	< 47	47	< 45	45	< 37	37	< 53	53	< 67	67
2-Isopropyltoluene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
4-Chlorotoluene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
4-Methyl-2-Pentanone			< 41	41	< 47	47	< 45	45	< 37	37	< 53	53	< 67	67
Acetone	50	100,000	<b>25</b>	50	<b>11</b>	50	<b>82</b>	90	<b>19</b>	50	<b>340</b>	110	<b>15</b>	50
Acrylonitrile			< 16	16	< 19	19	< 18	18	< 15	15	< 21	21	< 27	27
Benzene	60	4,800	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Bromobenzene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Bromochloromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Bromodichloromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Bromoform			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Bromomethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Carbon Disulfide			<b>3.2</b>	8.2	<b>2.9</b>	9.5	<b>17</b>	9	< 7.4	7.4	<b>8</b>	11	< 13	13
Carbon tetrachloride	760	2,400	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Chlorobenzene	1,100	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Chloroethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Chloroform	370	49,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Chloromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
cis-1,2-Dichloroethene	250	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
cis-1,3-Dichloropropene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Dibromochloromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Dibromomethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Dichlorodifluoromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Ethylbenzene	1,000	41,000	< 8.2	8.2	< 9.5	9.5	<b>2.8</b>	9	< 7.4	7.4	< 11	11	< 13	13
Hexachlorobutadiene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Isopropylbenzene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
m&p-Xylenes	260	100,000	<b>4</b>	8.2	< 9.5	9.5	<b>14</b>	9	< 7.4	7.4	< 11	11	< 13	13
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 49	49	< 57	57	<b>11</b>	54	< 44	44	<b>45</b>	63	< 81	81
Methyl t-butyl ether (MTBE)	930	100,000	< 16	16	< 19	19	< 18	18	< 15	15	< 21	21	< 27	27
Methylene chloride	50	100,000	<b>1.9</b>	8.2	<b>1.9</b>	9.5	<b>2</b>	9	< 7.4	7.4	<b>2.3</b>	11	<b>3.1</b>	13
Naphthalene	12,000	100,000	< 8.2	8.2	< 9.5	9.5	<b>390</b>	320	< 7.4	7.4	< 11	11	< 13	13
n-Butylbenzene	12,000	100,000	<b>1.8</b>	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
n-Propylbenzene	3,900	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
o-Xylene	260	100,000	<b>6.5</b>	8.2	< 9.5	9.5	<b>15</b>	9	< 7.4	7.4	< 11	11	< 13	13
p-Isopropyltoluene			<b>1.8</b>	8.2	< 9.5	9.5	<b>1.3</b>	9	< 7.4	7.4	< 11	11	< 13	13
sec-Butylbenzene	11,000	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Styrene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
tert-Butylbenzene	5,900	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Tetrachloroethene	1,300	19,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Tetrahydrofuran (THF)			< 16	16	< 19	19	< 18	18	< 15	15	< 21	21	< 27	27
Toluene	700	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	<b>48</b>	290	< 13	13
trans-1,2-Dichloroethene	190	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
trans-1,3-Dichloropropene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
trans-1,4-dichloro-2-butene			< 16	16	< 19	19	< 18	18	< 15	15	< 21	21	< 27	27
Trichloroethene	470	21,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Trichlorofluoromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Trichlorotrifluoroethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Vinyl Chloride	20	900	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Total BTEX Concentration			<b>10.5</b>		<b>0</b>		<b>31.8</b>		<b>0</b>		<b>48</b>		<b>0</b>	
Total VOCs Concentration			<b>47.3</b>		<b>15.8</b>		<b>537.2</b>		<b>19</b>		<b>443.3</b>		<b>18.1</b>	

Notes:

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 2B  
771 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B4				B5				B6				B5		B7					
			9/12/2014				9/12/2014				9/12/2014				10/10/2014		10/10/2014					
			(0-2)		(8-10')		(0-2)		(8-10')		(0-2)		(12-14')		(8-10')		(0-2)		(8-10')		(12-14')	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,1,1-Trichloroethane	680	100,000	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,1,2,2-Tetrachloroethane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,1,2-Trichloroethane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,1-Dichloroethane	270	26,000	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,1-Dichloroethene	330	100,000	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,1-Dichloropropene			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,2,3-Trichlorobenzene			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,2,3-Trichloropropane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,2,4-Trichlorobenzene			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,2,4-Trimethylbenzene	3,600	52,000	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,2-Dibromo-3-chloropropane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,2-Dibromomethane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,2-Dichlorobenzene	1,100	100,000	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,2-Dichloroethane	20	3,100	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,2-Dichloropropane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,3,5-Trimethylbenzene	8,400	52,000	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,3-Dichlorobenzene	2,400	4,900	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,3-Dichloropropane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
1,4-Dichlorobenzene	1,800	13,000	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
2,2-Dichloropropane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
2-Chlorotoluene			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
2-Hexanone (Methyl Butyl Ketone)			<41	41	<41	41	<51	51	<45	45	<40	40	<36	36	<32	32	<49	49	<42	42	<60	60
2-Isopropyltoluene			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
4-Chlorotoluene			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
4-Methyl-2-Pentanone			<41	41	<41	41	<51	51	<45	45	<40	40	<36	36	<32	32	<49	49	<42	42	<60	60
Acetone	50	100,000	<b>80</b>	83	<b>17</b>	50	<b>23</b>	50	<b>13</b>	50	<b>85</b>	<b>80</b>	<b>9.6</b>	50	<50	50	<b>110</b>	98	<50	50	<b>17</b>	50
Acrylonitrile			<17	17	<17	17	<20	20	<18	18	<16	16	<15	15	<13	13	<20	20	<17	17	<24	24
Benzene	60	4,800	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Bromobenzene			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Bromochloromethane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Bromodichloromethane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Bromoform			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Bromomethane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Carbon Disulfide			<b>3.4</b>	8.3	<8.3	8.3	<b>7.4</b>	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<b>10</b>	9.8	<8.3	8.3	<12	12
Carbon tetrachloride	760	2,400	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Chlorobenzene	1,100	100,000	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Chloroethane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Chloroform	370	49,000	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Chloromethane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
cis-1,2-Dichloroethane	250	100,000	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
cis-1,3-Dichloropropane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Dibromochloromethane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<5.0	5	<9.8	9.8	<5.0	5	<5.0	5
Dibromomethane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Dichlorodifluoromethane			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Ethylbenzene	1,000	41,000	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Hexachlorobutadiene			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Isopropylbenzene			<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
m&p-Xylenes	260	100,000	<8.3	8.3	<8.3	8.3	<10	10	<8.9	8.9	<8.0	8	<7.3	7.3	<6.5	6.5	<9.8	9.8	<8.3	8.3	<12	12
Methyl Ethyl Ketone (2-Butanone)	120	100,000	<b>15</b>	50	<50	50	<61	61	<53	53	<b>16</b>	48	<44	44	<39	39	<b>20</b>	59	<50	50	<72	72
Methyl t-butyl ether (MTBE)	930	100,000	<17	17	<17	17	<20	20	<18	18	<16	16	<15	15	<13	13	<20	20	<17	17	<24	24
Methylene chloride	50	100,000	<b>3.4</b>	8.3	<8.3	8.3	<b>2.7</b>	10	<8.9	8.9	<b>1.</b>											

TABLE 3A  
785 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3			
			(0-2')		(12-14')		(0-2')		(12-14')		(0-2')		(12-14')	
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
1,2,4-Trichlorobenzene			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
1,2-Dichlorobenzene			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
1,2-Diphenylhydrazine			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
1,3-Dichlorobenzene			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
1,4-Dichlorobenzene			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2,4,5-Trichlorophenol			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2,4,6-Trichlorophenol			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2,4-Dichlorophenol			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2,4-Dimethylphenol			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2,4-Dinitrophenol			< 1800	1,800	< 1900	1,900	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1900	1,900
2,4-Dinitrotoluene			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2,6-Dinitrotoluene			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2-Chloronaphthalene			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2-Chlorophenol			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2-Methylnaphthalene			< 250	250	< 260	260	<b>540</b>	260	< 260	260	< 260	260	<b>160</b>	260
2-Methylphenol (o-cresol)	330	100,000	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2-Nitroaniline			< 1800	1,800	< 1900	1,900	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1900	1,900
2-Nitrophenol			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
3&4-Methylphenol (m&p-cresol)	330	100,000	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
3,3'-Dichlorobenzidine			< 720	720	< 760	760	< 740	740	< 740	740	< 740	740	< 750	750
3-Nitroaniline			< 1800	1,800	< 1900	1,900	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1900	1,900
4,6-Dinitro-2-methylphenol			< 1800	1,800	< 1900	1,900	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1900	1,900
4-Bromophenyl phenyl ether			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
4-Chloro-3-methylphenol			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
4-Chloroaniline			< 720	720	< 760	760	< 740	740	< 740	740	< 740	740	< 750	750
4-Chlorophenyl phenyl ether			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
4-Nitroaniline			< 1800	1,800	< 1900	1,900	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1900	1,900
4-Nitrophenol			< 1800	1,800	< 1900	1,900	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1900	1,900
Acenaphthene	20,000	100,000	< 250	250	< 260	260	<b>1,200</b>	260	< 260	260	< 260	260	< 260	260
Acenaphthylene	100,000	100,000	< 250	250	< 260	260	<b>410</b>	260	< 260	260	< 260	260	< 260	260
Acetophenone			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Aniline			< 1800	1,800	< 1900	1,900	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1900	1,900
Anthracene	100,000	100,000	< 250	250	< 260	260	<b>3,900</b>	260	< 260	260	<b>120</b>	260	< 260	260
Benz(a)anthracene	1,000	1,000	<b>480</b>	250	< 260	260	<b>10,000</b>	1,300	< 260	260	<b>580</b>	260	< 260	260
Benztidine			< 720	720	< 760	760	< 740	740	< 740	740	< 740	740	< 750	750
Benzo(a)pyrene	1,000	1,000	<b>450</b>	250	< 260	260	<b>8,000</b>	1,300	< 260	260	<b>600</b>	260	< 260	260
Benzo(b)fluoranthene	1,000	1,000	<b>700</b>	250	< 260	260	<b>11,000</b>	1,300	< 260	260	<b>860</b>	260	< 260	260
Benzo(ghi)perylene	100,000	100,000	<b>160</b>	250	< 260	260	<b>1,900</b>	260	< 260	260	<b>230</b>	260	< 260	260
Benzo(k)fluoranthene	800	3,900	<b>260</b>	250	< 260	260	<b>3,400</b>	260	< 260	260	<b>300</b>	260	< 260	260
Benzoic acid			< 1800	1,800	< 1900	1,900	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1900	1,900
Benzyl butyl phthalate			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Bis(2-chloroethoxy)methane			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Bis(2-chloroethyl)ether			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Bis(2-chloroisopropyl)ether			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Bis(2-ethylhexyl)phthalate			<b>120</b>	250	< 260	260	<b>370</b>	260	< 260	260	< 260	260	< 260	260
Carbazole			< 1800	1,800	< 1900	1,900	<b>1,600</b>	1,900	< 1800	1,800	< 1800	1,800	< 1900	1,900
Chrysene	1,000	3,900	<b>500</b>	250	< 260	260	<b>11,000</b>	1,300	< 260		<b>580</b>	260	< 260	260
Dibenz(a,h)anthracene	330	330	< 250	250	< 260	260	<b>580</b>	260	< 260	260	< 260	260	< 260	260
Dibenzofuran	7,000	59,000	< 250	250	< 260	260	<b>860</b>	260	< 260	260	< 260	260	< 260	260
Diethyl phthalate			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Dimethylphthalate			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Di-n-butylphthalate			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Di-n-octylphthalate			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Fluoranthene	100,000	100,000	<b>810</b>	250	< 260	260	<b>21,000</b>	6,500	< 260	260	<b>1,100</b>	260	< 260	260
Fluorene	30,000	100,000	< 250	250	< 260	260	<b>2,000</b>	260	< 260	260	< 260	260	< 260	260
Hexachlorobenzene			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Hexachlorobutadiene			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Hexachlorocyclopentadiene			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Hexachloroethane			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Indeno(1,2,3-cd)pyrene	500	500	<b>140</b>	250	< 260	260	<b>1,900</b>	260	< 260	260	<b>200</b>	260	< 260	260
Isophorone			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Naphthalene	12,000	100,000	< 250	250	< 260	260	<b>700</b>	260	< 260	260	< 260	260	< 260	260
Nitrobenzene			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
N-Nitrosodimethylamine			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
N-Nitrosodi-n-propylamine			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
N-Nitrosodiphenylamine			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Pentachloronitrobenzene			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Pentachlorophenol	800	6,700	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Phenanthrene	100,000	100,000	<b>450</b>	250	< 260	260	<b>23,000</b>	1,300	< 260	260	<b>570</b>	260	< 260	260
Phenol	330	100,000	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Pyrene	100,000	100,000	<b>790</b>	250	< 260	260	<b>22,000</b>	6,500	< 260	260	<b>980</b>	260	< 260	260
Pyridine			< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260

Notes:

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

**Bold/highlighted**- Indicated exceedance of the NYSDEC UUSCO Guidance Value

**Bold/highlighted**- Indicated exceedance of the NYSDEC RRSO Guidance Value

TABLE 3B  
771 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B4				B5				B6				B5		B7			
			9/12/2014				9/12/2014				9/12/2014				10/10/2014		10/10/2014			
			(0-2)		(8-10')		(0-2)		(8-10')		(0-2)		(12-14')		(8-10')		(0-2)		(12-14')	
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	
1,2,4,5-Tetrachlorobenzene			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
1,2,4-Trichlorobenzene			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
1,2-Dichlorobenzene			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
1,2-Diphenylhydrazine			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
1,3-Dichlorobenzene			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
1,4-Dichlorobenzene			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
2,4,5-Trichlorophenol			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
2,4,6-Trichlorophenol			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
2,4-Dichlorophenol			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
2,4-Dimethylphenol			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
2,4-Dinitrophenol			< 3700	3,700	< 1700	1,700	< 18000	18,000	< 1800	1,800	< 18000	18,000	< 1900	1,900	< 1600	1,600	< 1900	1,900	< 1600	1,600
2,4-Dinitrotoluene			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
2,6-Dinitrotoluene			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
2-Chloronaphthalene			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
2-Chlorophenol			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
2-Methylnaphthalene			< 510	510	< 240	240	<b>1,100</b>	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
2-Methylphenol (o-cresol)	330	100,000	< 330	330	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
2-Nitroaniline			< 3700	3,700	< 1700	1,700	< 18000	18,000	< 1800	1,800	< 18000	18,000	< 1900	1,900	< 1600	1,600	< 1900	1,900	< 1600	1,600
2-Nitrophenol			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
3&4-Methylphenol (m&p-cresol)	330	100,000	< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500		260	< 260	260	< 270	270	< 270	270
3,3'-Dichlorobenzidine			< 1500	1,500	< 690	690	< 7400	7,400	< 700	700	< 7200	7,200		750	< 750	750	< 770	770	< 770	770
3-Nitroaniline			< 3700	3,700	< 1700	1,700	< 18000	18,000	< 1800	1,800	< 18000	18,000	< 1900	1,900	< 1600	1,600	< 1900	1,900	< 1600	1,600
4,6-Dinitro-2-methylphenol			< 3700	3,700	< 1700	1,700	< 18000	18,000	< 1800	1,800	< 18000	18,000	< 1900	1,900	< 1900	1,900	< 1900	1,900	< 1900	1,900
4-Bromophenyl phenyl ether			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
4-Chloro-3-methylphenol			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
4-Chloroaniline			< 1500	1,500	< 690	690	< 7400	7,400	< 700	700	< 7200	7,200	< 750	750	< 330	330	< 770	770	< 330	330
4-Chlorophenyl phenyl ether			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
4-Nitroaniline			< 3700	3,700	< 1700	1,700	< 18000	18,000	< 1800	1,800	< 18000	18,000	< 1900	1,900	< 1900	1,900	< 1900	1,900	< 1900	1,900
4-Nitrophenol			< 3700	3,700	< 1700	1,700	< 18000	18,000	< 1800	1,800	< 18000	18,000	< 1900	1,900	< 1600	1,600	< 1900	1,900	< 1600	1,600
Acenaphthene	20,000	100,000	< 510	510	< 240	240	<b>3,800</b>	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	<b>140</b>	270	< 270	270
Acenaphthylene	100,000	100,000	< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	<b>200</b>	270	< 270	270
Acetophenone			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
Aniline			< 3700	3,700	< 1700	1,700	< 18000	18,000	< 1800	1,800	< 18000	18,000	< 1900	1,900	< 1900	1,900	< 1900	1,900	< 1900	1,900
Anthracene	100,000	100,000	< 510	510	< 240	240	<b>7,100</b>	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	<b>430</b>	270	< 270	270
Benzo(a)anthracene	1,000	1,000	<b>610</b>	510	< 240	240	<b>11,000</b>	2,600	< 250	250	<b>3,600</b>	2,500	< 260	260	< 260	260	<b>1,900</b>	270	< 270	270
Benzidine			< 1500	1,500	< 690	690	< 7400	7,400	< 700	700	< 7200	7,200	< 750	750	< 750	750	< 770	770	< 770	770
Benzo(a)pyrene	1,000	1,000	<b>570</b>	510	< 240	240	<b>10,000</b>	2,600	< 250	250	<b>3,400</b>	2,500	< 260	260	< 260	260	<b>1,600</b>	270	< 270	270
Benzo(b)fluoranthene	1,000	1,000	<b>850</b>	510	< 240	240	<b>13,000</b>	2,600	< 250	250	<b>4,700</b>	2,500	< 260	260	< 260	260	<b>2,100</b>	270	< 270	270
Benzo(ghi)perylene	100,000	100,000	<b>380</b>	510	< 240	240	<b>6,300</b>	2,600	< 250	250	<b>2,000</b>	2,500	< 260	260	< 260	260	<b>860</b>	270	< 270	270
Benzo(k)fluoranthene	800	3,900	<b>250</b>	510	< 240	240	<b>4,400</b>	2,600	< 250	250	<b>1,500</b>	2,500	< 260	260	< 260	260	<b>690</b>	270	< 270	270
Benzoic acid			< 3700	3,700	< 1700	1,700	< 18000	18,000	< 1800	1,800	< 18000	18,000	< 1900	1,900	< 1900	1,900	< 1900	1,900	< 1900	1,900
Benzyl butyl phthalate			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
Bis(2-chloroethoxy)methane			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
Bis(2-chloroethyl)ether			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
Bis(2-chloroisopropyl)ether			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
Bis(2-ethylhexyl)phthalate			< 510	510	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	<b>150</b>	270	< 270	270
Carbazole			< 3700	3,700	< 1700	1,700	<b>6,700</b>	18,000	< 1800		< 18000	18,000	< 1900	1,900	< 1900	1,900	<b>450</b>	1,900	< 1900	1,900
Chrysene	1,000	3,900	<b>720</b>	510	< 240	240	<b>12,000</b>	2,600	< 250	250	<b>3,800</b>	2,500	< 260	260	< 260	260	<b>1,900</b>	270	< 270	270
Dibenz(a,h)anthracene	330	330	< 330	330	< 240	240	< 2600	2,600	< 250	250	< 2500	2,500	< 260	260	< 260	260	< 270	270	< 270	270
Dibenzofuran	7,000	59,000	< 510	510	< 240	240	<b>2,800</b>	2,600	< 250	250	< 2500	2,500	< 26							

TABLE 4A  
785 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Pesticides PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3			
				(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	3.3	13,000	<2.6	2.6	<2.7	2.7	<27	27	<2.7	2.7	<2.7	2.7	<2.7	2.7
	4,4' -DDE	3.3	8,900	<2.6	2.6	<2.7	2.7	<27	27	<2.7	2.7	<2.7	2.7	<2.7	2.7
	4,4' -DDT	3.3	7,900	<4.5	4.5	<2.7	2.7	<27	27	<2.7	2.7	<7.0	7	<2.7	2.7
	a-BHC	20	480	<3.7	3.7	<3.7	3.7	<38	38	<3.7	3.7	<3.7	3.7	<3.7	3.7
	a-Chlordane	94	4,200	<3.7	3.7	<3.7	3.7	<38	38	<3.7	3.7	<3.7	3.7	<3.7	3.7
	Aldrin	5	97	<1.8	1.8	<1.9	1.9	<19	19	<1.9	1.9	<1.9	1.9	<1.9	1.9
	b-BHC	36	360	<3.7	3.7	<3.7	3.7	<38	38	<3.7	3.7	<3.7	3.7	<3.7	3.7
	Chlordane	94	4,200	<37	37	<37	37	<380	380	<37	37	<37	37	<37	37
	d-BHC	40	100,000	<3.7	3.7	<3.7	3.7	<38	38	<3.7	3.7	<3.7	3.7	<3.7	3.7
	Dieldrin	5	200	<1.8	1.8	<1.9	1.9	<19	19	<1.9	1.9	<1.9	1.9	<1.9	1.9
	Endosulfan I	2,400	24,000	<3.7	3.7	<3.7	3.7	<38	38	<3.7	3.7	<3.7	3.7	<3.7	3.7
	Endosulfan II	2,400	24,000	<3.7	3.7	<3.7	3.7	<38	38	<3.7	3.7	<3.7	3.7	<3.7	3.7
	Endosulfan sulfate	2,400	24,000	<3.7	3.7	<3.7	3.7	<38	38	<3.7	3.7	<3.7	3.7	<3.7	3.7
	Endrin	14	11,000	<3.7	3.7	<3.7	3.7	<38	38	<4.5	4.5	<3.7	3.7	<3.7	3.7
	Endrin aldehyde			<3.7	3.7	<3.7	3.7	<38	38	<3.7	3.7	<3.7	3.7	<3.7	3.7
	Endrin ketone			<1.8	1.8	<5.5	5.5	<19	19	<4.0	4	<1.9	1.9	<1.9	1.9
	g-BHC			<3.7	3.7	<3.7	3.7	<38	38	<3.7	3.7	<3.7	3.7	<3.7	3.7
	g-Chlordane			<3.7	3.7	<3.7	3.7	<38	38	<3.7	3.7	<3.7	3.7	<3.7	3.7
	Heptachlor	42	2,100	<3.7	3.7	<3.7	3.7	<38	38	<3.7	3.7	<3.7		<3.7	3.7
	Heptachlor epoxide			<1.8	1.8	<1.9	1.9	<19	19	<1.9	1.9	<1.9		<1.9	1.9
Methoxychlor			<7.3	7.3	<7.4	7.4	<76	76	<7.5	7.5	<7.4	7.4	<7.4	7.4	
Toxaphene			<180	180	<190	190	<1900	1,900	<190	190	<190	190	<190	190	
PCBs	PCB-1016	100	1,000	<37	37	<37	37	<38	38	<37	37	<37	37	<37	37
	PCB-1221	100	1,000	<37	37	<37	37	<38	38	<37	37	<37	37	<37	37
	PCB-1232	100	1,000	<37	37	<37	37	<38	38	<37	37	<37	37	<37	37
	PCB-1242	100	1,000	<37	37	<37	37	<38	38	<37	37	<37	37	<37	37
	PCB-1248	100	1,000	<37	37	<37	37	<38	38	<37	37	<37	37	<37	37
	PCB-1254	100	1,000	<37	37	<37	37	<38	38	<37	37	<37	37	<37	37
	PCB-1260	100	1,000	<37	37	<37	37	<b>160</b>	38	<37	37	<37	37	<37	37
	PCB-1262	100	1,000	<37	37	<37	37	<38	38	<37	37	<37	37	<37	37
	PCB-1268	100	1,000	<37	37	<37	37	<38	38	<37	37	<37	37	<37	37

**Notes:**

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

**Bold/highlighted-** Indicated exceedance of the NYSDEC UUSCO Guidance Value

**Bold/highlighted-** Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 4B  
771 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B4				B5				B6				B5		B7				
			9/12/2014				9/12/2014				9/12/2014				10/10/2014		10/10/2014				
			(0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	
Pesticides	4,4' -DDD	3.3	13,000	< 2.6	2.6	< 2.5	2.5	< 13	13	< 2.5	2.5	< 13	13	< 14	14	-	-	-	-	-	-
	4,4' -DDE	3.3	8,900	< 2.6	2.6	< 2.5	2.5	< 13	13	< 2.5	2.5	< 13	13	< 14	14	-	-	-	-	-	-
	4,4' -DDT	3.3	7,900	< 2.6	2.6	< 2.5	2.5	< 13	13	< 2.5	2.5	< 13	13	< 14	14	-	-	-	-	-	-
	a-BHC	20	480	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	a-Chlordane	94	4,200	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Aldrin	5	97	< 1.8	1.8	< 1.8	1.8	< 9.2	9.2	< 1.8	1.8	< 9.1	9.1	< 9.4	9.4	-	-	-	-	-	-
	b-BHC	36	360	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Chlordane	94	4,200	< 36	36	< 35	35	< 180	180	< 35	35	< 180	180	< 190	190	-	-	-	-	-	-
	d-BHC	40	100,000	<b>7.7</b>	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Dieldrin	5	200	< 1.8	1.8	< 1.8	1.8	< 9.2	9.2	< 1.8	1.8	< 9.1	9.1	< 9.4	9.4	-	-	-	-	-	-
	Endosulfan I	2,400	24,000	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Endosulfan II	2,400	24,000	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Endosulfan sulfate	2,400	24,000	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Endrin	14	11,000	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Endrin aldehyde			< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Endrin ketone			< 3.6	3.6	< 1.8	1.8	< 9.2	9.2	< 3.5	3.5	< 9.1	9.1	< 9.4	9.4	-	-	-	-	-	-
	g-BHC			< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	g-Chlordane			< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18		< 19	19	-	-	-	-	-	-
	Heptachlor	42	2,100	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18		< 19	19	-	-	-	-	-	-
	Heptachlor epoxide			< 1.8	1.8	< 1.8	1.8	< 9.2	9.2	< 1.8	1.8	< 9.1	9.1	< 9.4	9.4	-	-	-	-	-	-
Methoxychlor			< 11	11	< 7.1	7.1	< 37	37	< 7.0	7	< 36	36	< 38	38	-	-	-	-	-	-	
Toxaphene			< 180	180	< 180	180	< 920	920	< 180	180	< 910	910	< 940	940	-	-	-	-	-	-	
PCBs	PCB-1016	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1221	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1232	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1242	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1248	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1254	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1260	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1262	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1268	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39

Notes:

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

**Bold/highlighted-** Indicated exceedance of the NYSDEC UUSCO Guidance Value

**Bold/highlighted-** Indicated exceedance of the NYSDEC RRSO Guidance Value

TABLE 5A  
785 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3			
			(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			<b>8,110</b>	35	<b>7,030</b>	37	<b>6,860</b>	36	<b>11,700</b>	37	<b>7,170</b>	37	<b>12,800</b>	36
Antimony			< 1.8	1.8	< 1.8	1.8	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.8	1.8
Arsenic	13	16	<b>7.2</b>	0.7	<b>1.3</b>	0.7	<b>10.6</b>	0.7	< 0.7	0.7	<b>10.6</b>	0.7	<b>1.6</b>	0.7
Barium	350	350	<b>87.3</b>	0.7	<b>34.2</b>	0.7	<b>198</b>	0.7	<b>41.8</b>	0.7	<b>186</b>	0.7	<b>55.4</b>	0.7
Beryllium	7.2	14	<b>0.38</b>	0.28	<b>0.38</b>	0.3	<b>0.33</b>	0.28	<b>0.37</b>	0.3	<b>0.33</b>	0.3	<b>0.61</b>	0.29
Cadmium	2.5	2.5	<b>0.6</b>	0.35	< 0.37	0.37	<b>1.25</b>	0.36	< 0.37	0.37	<b>0.67</b>	0.37	< 0.36	0.36
Calcium			<b>27,300</b>	35	<b>725</b>	37	<b>52,100</b>	36	<b>1,020</b>	37	<b>43,400</b>	37	<b>943</b>	36
Chromium	30	180	<b>18.4</b>	0.35	<b>16.4</b>	0.37	<b>19.4</b>	0.36	<b>25.3</b>	0.37	<b>17.1</b>	0.37	<b>25.9</b>	0.36
Cobalt			<b>5.88</b>	0.35	<b>5.44</b>	0.37	<b>5.6</b>	0.36	<b>13.8</b>	0.37	<b>4.68</b>	0.37	<b>7.47</b>	0.36
Copper	50	270	<b>43.4</b>	0.35	<b>15.2</b>	0.37	<b>112</b>	0.36	<b>14</b>	0.37	<b>77.6</b>	0.37	<b>20.4</b>	0.36
Iron			<b>20,600</b>	35	<b>18,100</b>	37	<b>26,100</b>	36	<b>20,100</b>	37	<b>19,300</b>	37	<b>22,900</b>	36
Lead	63	400	<b>118</b>	0.7	<b>4.6</b>	0.7	<b>352</b>	7.1	<b>4.9</b>	0.7	<b>356</b>	7.4	<b>6.8</b>	0.7
Magnesium			<b>6,670</b>	35	<b>1,510</b>	3.7	<b>7,320</b>	36	<b>4,240</b>	3.7	<b>10,600</b>	37	<b>2,830</b>	3.6
Manganese	1,600	2,000	<b>276</b>	3.5	<b>219</b>	3.7	<b>284</b>	3.6	<b>328</b>	3.7	<b>178</b>	3.7	<b>399</b>	3.6
Mercury	0.18	0.81	<b>0.31</b>	0.09	< 0.07	0.07	<b>0.66</b>	0.07	< 0.08	0.08	<b>2.05</b>	0.08	< 0.07	0.07
Nickel	30	140	<b>12.5</b>	0.35	<b>10.3</b>	0.37	<b>19.3</b>	0.36	<b>18.5</b>	0.37	<b>11.9</b>	0.37	<b>14.4</b>	0.36
Potassium			<b>1,960</b>	7	<b>1,050</b>	7	<b>1,730</b>	7	<b>1,020</b>	7	<b>1,170</b>	7	<b>1,880</b>	7
Selenium	3.9	36	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4
Silver	2	36	< 0.35	0.35	< 0.37	0.37	< 1.0	1	< 0.37	0.37	< 0.37	0.37	< 0.36	0.36
Sodium			<b>546</b>	7	<b>140</b>	7	<b>905</b>	7	<b>206</b>	7	<b>277</b>	7	<b>147</b>	7
Thallium			< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4
Vanadium			<b>27.7</b>	0.4	<b>24.7</b>	0.4	<b>29.4</b>	0.4	<b>25.8</b>	0.4	<b>19.6</b>	0.4		0.4
Zinc	109	2,200	<b>455</b>	7	<b>23.3</b>	0.7	<b>956</b>	7.1	<b>54.5</b>	0.7	<b>551</b>	7.4		0.7

**Notes:**

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

**Bold/highlighted-** Indicated exceedance of the NYSDEC UUSCO Guidance Value

**Bold/highlighted-** Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5B  
771 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B4				B5				B6				B5		B7			
			9/12/2014				9/13/2014				9/14/2014				10/10/2014		10/10/2014			
			(0-2') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			<b>6,360</b>	38	<b>6,720</b>	37	<b>7,070</b>	34	<b>8,090</b>	34	<b>7,160</b>	33	<b>8,420</b>	36	<b>13,100</b>	36	<b>7,460</b>	37	<b>7,870</b>	35
Antimony			<b>4.6</b>	1.9	< 1.9	1.9	<b>37.6</b>	1.7	< 1.7	1.7	<b>15.5</b>	1.6	< 1.8	1.8	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Arsenic	13	16	<b>15.1</b>	0.8	<b>1.4</b>	0.7	<b>25.1</b>	0.7	< 0.7	0.7	<b>8.3</b>	0.7	< 0.7	0.7	<b>1.8</b>	0.7	<b>9.7</b>	0.7	<b>3.3</b>	0.7
Barium	350	350	<b>109</b>	0.8	<b>17.3</b>	0.7	<b>528</b>	0.7	<b>23.1</b>	0.7	<b>167</b>	0.7	<b>28.7</b>	0.7	<b>49.3</b>	0.7	<b>134</b>	0.7	<b>35.3</b>	0.7
Beryllium	7.2	14	<b>0.35</b>	0.31	< 0.30	0.3	<b>0.22</b>	0.27	<b>0.45</b>	0.28	<b>0.27</b>	0.26	<b>0.75</b>	0.29	<b>0.4</b>	0.28	<b>0.32</b>	0.29	<b>0.44</b>	0.28
Cadmium	2.5	2.5	<b>1.45</b>	0.38	< 0.37	0.37	<b>6.02</b>	0.34	< 0.34	0.34	<b>1.03</b>	0.33	<b>0.46</b>	0.36	< 0.36	0.36	<b>1.45</b>	0.37	< 0.35	0.35
Calcium			<b>7,780</b>	3.8	<b>458</b>	3.7	<b>10,700</b>	34	<b>1,640</b>	3.4	<b>23,600</b>	33	<b>458</b>	3.6	<b>1,410</b>	3.6	<b>12,900</b>	37	<b>880</b>	3.5
Chromium	30	180	<b>29.5</b>	0.38	<b>11.5</b>	0.37	<b>55.5</b>	0.34	<b>17.7</b>	0.34	<b>23.4</b>	0.33	<b>28.4</b>	0.36	<b>24.7</b>	0.36	<b>18.8</b>	0.37	<b>20.2</b>	0.35
Cobalt			<b>16.2</b>	0.38	<b>3.6</b>	0.37	<b>21.4</b>	0.34	<b>8.01</b>	0.34	<b>8.21</b>	0.33	<b>9.81</b>	0.36	<b>8.4</b>	0.36	<b>6.02</b>	0.37	<b>6.98</b>	0.35
Copper	50	270	<b>200</b>	3.8	<b>5.1</b>	0.37	<b>593</b>	3.4	<b>14.2</b>	0.34	<b>153</b>	3.3	<b>23.1</b>	0.36	<b>15.8</b>	0.36	<b>77.4</b>	0.37	<b>10.7</b>	0.35
Iron			<b>81,700</b>	38	<b>13,300</b>	37	<b>75,100</b>	34	<b>18,200</b>	34	<b>21,800</b>	33	<b>57,900</b>	36	<b>20,900</b>	36	<b>28,500</b>	37	<b>26,600</b>	35
Lead	63	400	<b>491</b>	7.6	<b>10.3</b>	7.5	<b>18,100</b>	690	<b>202</b>	6.9	<b>663</b>	6.5	<b>8.9</b>	0.7	<b>7.4</b>	0.7	<b>358</b>	7.4	<b>7.2</b>	0.7
Magnesium			<b>1,600</b>	3.8	<b>1,050</b>	3.7	<b>4,340</b>	3.4	<b>1,350</b>	3.4	<b>2,850</b>	3.3	<b>1,530</b>	3.6	<b>2,830</b>	3.6	<b>2,260</b>	3.7	<b>2,330</b>	3.5
Manganese	1,600	2,000	<b>767</b>	3.8	<b>1,190</b>	37	<b>688</b>	3.4	<b>575</b>	3.4	<b>280</b>	3.3	<b>596</b>	3.6	<b>519</b>	3.6	<b>265</b>	3.7	<b>173</b>	3.5
Mercury	0.18	0.81	<b>2</b>	0.06	< 0.07	0.07	<b>41.3</b>	3.9	< 0.06	0.06	<b>2.05</b>	0.09	< 0.08	0.08	< 0.08	0.08	<b>2.16</b>	0.09	< 0.09	0.09
Nickel	30	140	<b>30</b>	0.38	<b>5.22</b>	0.37	<b>77.7</b>	0.34	<b>9.02</b>	0.34	<b>19.6</b>	0.33	<b>13.8</b>	0.36	<b>11.8</b>	0.36	<b>16</b>	0.37	<b>14.2</b>	0.35
Potassium			<b>1,030</b>	76	<b>592</b>	75	<b>1,090</b>	69	<b>762</b>	69	<b>1,660</b>	65	<b>1,250</b>	73	<b>1,630</b>	7	<b>1,090</b>	7	<b>2,100</b>	7
Selenium	3.9	36	<b>1.9</b>	1.5	< 1.5	1.5	<b>3.4</b>	1.4	< 1.4	1.4	< 1.3	1.3	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4
Silver	2	36	< 0.38	0.38	< 0.37	0.37	<b>23.3</b>	0.34	< 0.34	0.34	<b>0.48</b>	0.33	< 0.36	0.36	< 0.36	0.36	< 0.37	0.37	< 0.35	0.35
Sodium			<b>254</b>	8	<b>52</b>	7	<b>799</b>	7	<b>86</b>	7	<b>1,120</b>	7	<b>60</b>	7	<b>208</b>	7	<b>364</b>	7	<b>111</b>	7
Thallium			< 1.5	1.5	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.3	1.3		1.5	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4
Vanadium			<b>52.8</b>	0.4	<b>16.3</b>	0.4	<b>32.4</b>	0.3	<b>29.1</b>	0.3	<b>27.6</b>	0.3		0.4	<b>35.5</b>	0.4	<b>21.9</b>	0.4	<b>28.7</b>	0.4
Zinc	109	2,200	<b>404</b>	7.6	<b>16.9</b>	0.7	<b>2,490</b>	69	<b>25.1</b>	0.7	<b>445</b>	6.5	<b>37.5</b>	0.7	<b>37.2</b>	0.7	<b>556</b>	7.4	<b>37.8</b>	0.7

Notes:

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

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**Bold/highlighted**- Indicated exceedance of the NYSDEC RRSO Guidance Value

TABLE 5C  
771 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Lead

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B2		B5 10/10/14						B9					
			10/10/2014		10/10/2014						10/10/2014					
			(0-2') mg/Kg		(0-2') mg/Kg		(2-4') mg/Kg		(4-6') mg/Kg		(0-2') mg/Kg		(2-4') mg/Kg		(4-6') mg/Kg	
			Result	RL												
Lead	63	400	248	6.7	3,980	78	1,770	70	145	6.9	1,170	7.5	715	7.2	172	7.3
TCLP Lead			0.1	0.1	5.01	0.1	0.73	0.1	< 0.10	0.1	0.49	0.1	1.13	0.1	0.08	0.1

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B10						B11						B8	
			10/10/2014						10/10/2014						10/10/2014	
			(0-2') mg/Kg		(2-4') mg/Kg		(4-6') mg/Kg		(0-2') mg/Kg		(2-4') mg/Kg		(4-6') mg/Kg		(2-4') mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Lead	63	400	143	7.2	172	7.1	126	6.9	3,590	75	7,280	66	117	7.2	5,100	70
TCLP Lead			0.06	0.1	< 0.10	0.1	0.06	0.1	2.01	0.1	71.4	1	0.12	0.1	18.8	0.1

Table 6  
785 Metropolitan Avenue  
Brooklyn, New York  
Ground Water Analytical Results  
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1		MW2		MW3	
		9/25/2014		9/25/2014		9/25/2014	
		µg/L	RL	µg/L	RL	µg/L	RL
1,1,1,2-Tetrachloroethane	5	<1.0	1	<1.0	1	<2.0	2
1,1,1-Trichloroethane	5	<5.0	5	<5.0	5	<10	10
1,1,2,2-Tetrachloroethane	5	<1.0	1	<1.0	1	<2.0	2
1,1,2-Trichloroethane	1	<1.0	1	<1.0	1	<2.0	2
1,1-Dichloroethane	5	<5.0	5	<5.0	5	<10	10
1,1-Dichloroethene	5	<1.0	1	<1.0	1	<2.0	2
1,1-Dichloropropene		<1.0	1	<1.0	1	<2.0	2
1,2,3-Trichlorobenzene		<1.0	1	<1.0	1	<2.0	2
1,2,3-Trichloropropane	0.04	<1.0	1	<1.0	1	<2.0	2
1,2,4-Trichlorobenzene		<1.0	1	<1.0	1	<2.0	2
1,2,4-Trimethylbenzene	5	<1.0	1	<1.0	1	<2.0	2
1,2-Dibromo-3-chloropropane	0.04	<1.0	1	<1.0	1	<2.0	2
1,2-Dibromoethane		<1.0	1	<1.0	1	<2.0	2
1,2-Dichlorobenzene	5	<1.0	1	<1.0	1	<2.0	2
1,2-Dichloroethane	0.6	<0.60	0.6	<0.60	0.6	<1.2	1.2
1,2-Dichloropropane	0.94	<1.0	1	<1.0	1	<2.0	2
1,3,5-Trimethylbenzene	5	<1.0	1	<1.0	1	<2.0	2
1,3-Dichlorobenzene		<1.0	1	<1.0	1	<2.0	2
1,3-Dichloropropane	5	<1.0	1	<1.0	1	<2.0	2
1,4-Dichlorobenzene	5	<1.0	1	<1.0	1	<2.0	2
2,2-Dichloropropane	5	<1.0	1	<1.0	1	<2.0	2
2-Chlorotoluene	5	<1.0	1	<1.0	1	<2.0	2
2-Hexanone (Methyl Butyl Ketone)		<1.0	1	<1.0	1	<2.0	2
2-Isopropyltoluene	5	<1.0	1	<1.0	1	<2.0	2
4-Chlorotoluene	5	<1.0	1	<1.0	1	<2.0	2
4-Methyl-2-Pentanone		<1.0	1	<1.0	1	<2.0	2
Acetone		<b>4.3</b>	5	<b>5.2</b>	5	<b>800</b>	500
Acrolein		<5.0	5	<5.0	5	<10	10
Acrylonitrile	5	<5.0	5	<5.0	5	<10	10
Benzene	1	<b>0.79</b>	0.7	<b>0.24</b>	0.7	<1.4	1.4
Bromobenzene	5	<1.0	1	<1.0	1	<2.0	2
Bromochloromethane	5	<1.0	1	<1.0	1	<2.0	2
Bromodichloromethane		<1.0	1	<1.0	1	<2.0	2
Bromoform		<5.0	5	<5.0	5	<10	10
Bromomethane	5	<5.0	5	<5.0	5	<10	10
Carbon Disulfide	60	<1.0	1	<1.0	1	<b>2.8</b>	2
Carbon tetrachloride	5	<1.0	1	<1.0	1	<2.0	2
Chlorobenzene	5	<5.0	5	<5.0	5	<10	10
Chloroethane	5	<5.0	5	<5.0	5	<10	10
Chloroform	7	<5.0	5	<5.0	5	<10	10
Chloromethane	60	<b>0.72</b>	5	<5.0	5	<10	10
cis-1,2-Dichloroethene	5	<1.0	1	<1.0	1	<2.0	2
cis-1,3-Dichloropropene		<0.40	0.4	<0.40	0.4	<0.80	0.8
Dibromochloromethane		<1.0	1	<1.0	1	<2.0	2
Dibromomethane	5	<1.0	1	<1.0	1	<2.0	2
Dichlorodifluoromethane	5	<1.0	1	<1.0	1	<2.0	2
Ethylbenzene	5	<1.0	1	<1.0	1	<2.0	2
Hexachlorobutadiene	0.5	<0.5	0.5	<0.5	0.5	<2.0	2
Isopropylbenzene	5	<1.0	1	<1.0	1	<2.0	2
m&p-Xylenes	5	<1.0	1	<1.0	1	<2.0	2
Methyl Ethyl Ketone (2-Butanone)		<1.0	1	<1.0	1	<b>32</b>	2
Methyl t-butyl ether (MTBE)	10	<1.0	1	<b>0.99</b>	1	<2.0	2
Methylene chloride	5	<3.0	3	<3.0	3	<6.0	6
Naphthalene	10	<1.0	1	<1.0	1	<2.0	2
n-Butylbenzene	5	<1.0	1	<1.0	1	<2.0	2
n-Propylbenzene	5	<1.0	1	<1.0	1	<2.0	2
o-Xylene	5	<1.0	1	<1.0	1	<2.0	2
p-Isopropyltoluene		<1.0	1	<1.0	1	<2.0	2
sec-Butylbenzene	5	<1.0	1	<1.0	1	<2.0	2
Styrene	5	<1.0	1	<1.0	1	<2.0	2
tert-Butylbenzene	5	<1.0	1	<1.0	1	<2.0	2
Tetrachloroethene	5	<1.0	1	<1.0	1	<2.0	2
Tetrahydrofuran (THF)		<5.0	5	<5.0	5	<10	10
Toluene	5	<1.0	1	<1.0	1	<2.0	2
trans-1,2-Dichloroethene	5	<5.0	5	<5.0	5	<10	10
trans-1,3-Dichloropropene	0.4	<0.40	0.4	<0.40	0.4	<0.80	0.8
trans-1,4-dichloro-2-butene	5	<1.0	1	<1.0	1	<2.0	2
Trichloroethene	5	<1.0	1	<1.0	1	<2.0	2
Trichlorofluoromethane	5	<1.0	1	<1.0	1	<2.0	2
Trichlorotrifluoroethane		<1.0	1	<1.0	1	<2.0	2
Vinyl Chloride	2	<1.0	1	<1.0	1	<2.0	2

Notes:  
RL- Reporting Limit  
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 7  
785 Metropolitan Avenue  
Brooklyn, New York  
Ground Water Analytical Results  
Semi Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1		MW2		MW3	
		11/12/2014		11/12/2014		11/12/2014	
		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL
1,2,4-Trichlorobenzene		< 5	5	< 5.0	5	< 5	5
1,2-Dichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1
1,2-Diphenylhydrazine		< 5	5	< 5.0	5	< 5	5
1,3-Dichlorobenzene	3	< 1.0	1	< 1.0	1	< 1.0	1
1,4-Dichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1
2,4,5-Trichlorophenol	1	< 1.0	1	< 1.0	1	< 1.0	1
2,4,6-Trichlorophenol	1	< 1.0	1	< 1.0	1	< 1.0	1
2,4-Dichlorophenol		< 1.0	1	< 1.0	1	< 1.0	1
2,4-Dimethylphenol		< 1.0	1	< 1.0	1	< 1.0	1
2,4-Dinitrophenol	5	< 1.0	1	< 1.0	1	< 1.0	1
2,4-Dinitrotoluene	5	< 5	5	< 5.0	5	< 5	5
2,6-Dinitrotoluene	5	< 5	5	< 5.0	5	< 5	5
2-Chloronaphthalene	10	< 5	5	< 5.0	5	< 5	5
2-Chlorophenol	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Methylnaphthalene		< 5	5	< 5.0	5	< 5	5
2-Methylphenol (o-cresol)	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Nitroaniline	5	< 5.0	5	< 5.0	5	< 5.0	5
2-Nitrophenol	1	< 1.0	1	< 1.0	1	< 1.0	1
3&4-Methylphenol (m&p-cresol)		< 1.0	1	< 1.0	1	< 1.0	1
3,3'-Dichlorobenzidine	5	< 5.0	5	< 5.0	5	< 5.0	5
3-Nitroaniline	5	< 5.0	5	< 5.0	5	< 5.0	5
4,6-Dinitro-2-methylphenol	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Bromophenyl phenyl ether		< 5	5	< 5.0	5	< 5	5
4-Chloro-3-methylphenol	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Chloroaniline	5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5
4-Chlorophenyl phenyl ether		< 5	5	< 5.0	5	< 5	5
4-Nitroaniline	5	< 5.0	5	< 5.0	5	< 5.0	5
4-Nitrophenol		< 1.0	1	< 1.0	1	< 1.0	1
Acetophenone		< 5	5	< 5.0	5	< 5	5
Aniline	5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5
Anthracene	50	< 5	5	< 5.0	5	< 5	5
Benzidine	5	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5
Benzoic acid		< 25	25	< 25	25	< 25	25
Benzyl butyl phthalate	50	< 5	5	< 5.0	5	< 5	5
Bis(2-chloroethoxy)methane	5	< 5	5	< 5.0	5	< 5	5
Bis(2-chloroethyl)ether	1	< 1.0	1	< 1.0	1	< 1.0	1
Bis(2-chloroisopropyl)ether		< 5	5	< 5.0	5	< 5	5
Bis(2-ethylhexyl)phthalate		-	-	<b>85</b>	10	<b>21</b>	5
Carbazole		< 25	25	< 25	25	< 25	25
Dibenzofuran		< 5	5	< 5.0	5	< 5	5
Diethyl phthalate	50	< 5	5	< 5.0	5	< 5	5
Dimethylphthalate	50	< 5	5	< 5.0	5	< 5	5
Di-n-butylphthalate	50	< 5	5	< 5.0	5	< 5	5
Di-n-octylphthalate	50	< 5	5	< 5.0	5	< 5	5
Fluoranthene	50	< 5	5	< 5.0	5	< 5	5
Fluorene	50	< 5	5	< 5.0	5	< 5	5
Hexachlorobutadiene	0.5	< 0.42	0.42	< 0.40	0.4	< 0.47	0.47
Hexachlorocyclopentadiene	5	< 5	5	< 5.0	5	< 5	5
Isophorone	50	< 5	5	< 5.0	5	< 5	5
Naphthalene	10	< 5	5	< 5.0	5	< 5	5
Nitrobenzene	0.4	< 0.11	0.11	< 0.10	0.1	< 0.12	0.12
N-Nitrosodimethylamine		< 1.0	1	< 1.0	1	< 1.0	1
N-Nitrosodi-n-propylamine		< 5	5	< 5.0	5	< 5	5
N-Nitrosodiphenylamine	50	< 5	5	< 5.0	5	< 5	5
Phenol	50	< 1.0	1	< 1.0	1	< 1.0	1
Pyrene	50	< 5	5	< 5.0	5	< 5	5
1,2,4,5-Tetrachlorobenzene		< 0.53	0.53	< 0.50	0.5	< 0.59	0.59
Acenaphthene	20	< 5	5	< 5.0	5	< 5	5
Acenaphthylene		< 0.11	0.11	< 0.10	0.1	< 0.12	0.12
Benz(a)anthracene	0.002	< 0.02	0.02	<b>0.02</b>	0.02	<b>0.07</b>	0.02
Benzo(a)pyrene		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(b)fluoranthene	0.002	< 0.02	0.02	< 0.02	0.02	<b>0.07</b>	0.02
Benzo(ghi)perylene		< 0.02	0.02	< 0.02	0.02	<b>0.04</b>	0.02
Benzo(k)fluoranthene	0.002	< 0.02	0.02	< 0.02	0.02	<b>0.06</b>	0.02
Bis(2-ethylhexyl)phthalate	5	<b>1.9</b>	1.1	-	-	-	-
Chrysene	0.002	< 0.02	0.02	< 0.02	0.02	<b>0.06</b>	0.02
Dibenz(a,h)anthracene		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Hexachlorobenzene	0.04	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Hexachloroethane	5	< 0.53	0.53	< 0.50	0.5	< 0.59	0.59
Indeno(1,2,3-cd)pyrene	0.002	< 0.02	0.02	< 0.02	0.02	<b>0.02</b>	0.02
Pentachloronitrobenzene		< 0.11	0.11	< 0.10	0.1	< 0.12	0.12
Pentachlorophenol	1	< 0.84	0.84	< 0.80	0.8	< 0.94	0.94
Phenanthrene	50	< 0.11	0.11	< 0.10	0.1	<b>0.15</b>	0.12
Pyridine	50	< 10	10	< 10	10	< 10	10

Notes:

RL- Reporting Limit

**Bold/highlighted-** Indicated exceedance of the NYSDEC Groundwater Standard

Table 8  
785 Metropolitan Avenue  
Brooklyn, New York  
Ground Water Analytica Results  
Pesticides and PCBs

Compound	NYSDEC Groundwater Quality Standards  µg/L	MW1		MW2		MW3	
		11/12/2014		11/12/2014		11/12/2014	
		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL
PCB-1016	0.09	< 0.050	0.05	< 0.050	0.05	< 0.054	0.054
PCB-1221	0.09	< 0.050	0.05	< 0.050	0.05	< 0.054	0.054
PCB-1232	0.09	< 0.050	0.05	< 0.050	0.05	< 0.054	0.054
PCB-1242	0.09	< 0.050	0.05	< 0.050	0.05	< 0.054	0.054
PCB-1248	0.09	< 0.050	0.05	< 0.050	0.05	< 0.054	0.054
PCB-1254	0.09	< 0.050	0.05	< 0.050	0.05	< 0.054	0.054
PCB-1260	0.09	< 0.050	0.05	< 0.050	0.05	< 0.054	0.054
PCB-1262	0.09	< 0.050	0.05	< 0.050	0.05	< 0.054	0.054
PCB-1268	0.09	< 0.050	0.05	< 0.050	0.05	< 0.054	0.054
4,4-DDD	0.3	< 0.010	0.01	< 0.010	0.01	< 0.030	0.03
4,4-DDE	0.2	< 0.010	0.01	< 0.010	0.01	< 0.027	0.027
4,4-DDT	0.11	< 0.010	0.01	< 0.010	0.01	< 0.030	0.03
a-BHC	0.94	< 0.005	0.005	< 0.005	0.005	< 0.054	0.054
a-Chlordane		< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
Alachlor		< 0.075	0.075	< 0.075	0.075	< 0.050	0.05
Aldrin		< 0.002	0.002	< 0.002	0.002	< 0.016	0.016
b-BHC	0.04	< 0.005	0.005	< 0.005	0.005	< 0.054	0.054
Chlordane	0.05	< 0.050	0.05	< 0.050	0.05	< 0.50	0.5
d-BHC	0.04	< 0.005	0.005	< 0.005	0.005	< 0.054	0.054
Dieldrin	0.004	< 0.003	0.003	<b>0.005</b>	0.004	< 0.016	0.016
Endosulfan I		< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
Endosulfan II		< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
Endosulfan Sulfate		< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
Endrin		< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
Endrin aldehyde	5	< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
Endrin ketone		< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
gamma-BHC	0.05	< 0.005	0.005	< 0.005	0.005	< 0.054	0.054
g-Chlordane		< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
Heptachlor	0.04	< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
Heptachlor epoxide	0.03	< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
Methoxychlor	35	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1
Toxaphene		< 0.20	0.2	< 0.25	0.25	< 2.2	2.2

**Notes:**

RL- Reporting limit

ND - Non-detect

ND\* - Due to matrix interference from non target compounds in the sample an elevated RL was reported.

**Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard**

Table 9  
785 Metropolitan Avenue  
Brooklyn, New York  
Ground Water Analytical Results  
TAL Metals

Compound	NYSDEC Groundwater Quality Standards  mg/L	MW1		MW2		MW3	
		11/12/2014		11/12/2014		11/12/2014	
		mg/L		mg/L		mg/L	
		Results	RL	Results	RL	Results	RL
Aluminum	NS	<b>0.64</b>	0.01	<b>0.26</b>	0.01	<b>0.79</b>	0.01
Antimony	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003
Arsenic	0.025	< 0.003	0.003	<b>0.003</b>	0.003	< 0.003	0.003
Barium	1	<b>0.156</b>	0.011	<b>0.186</b>	0.011	<b>0.191</b>	0.011
Beryllium	0.003	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Cadmium	0.005	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004
Calcium	NS	<b>60.8</b>	0.01	<b>162</b>	0.11	<b>56.5</b>	0.01
Chromium	0.05	< 0.001	0.001	<b>0.001</b>	0.001	< 0.001	0.001
Cobalt	NS	<b>0.006</b>	0.005	<b>0.004</b>	0.005	<b>0.006</b>	0.005
Copper	0.2	<b>0.001</b>	0.005	<b>0.008</b>	0.005	<b>0.002</b>	0.005
Iron	0.5	<b>2.15</b>	0.01	<b>0.25</b>	0.01	<b>20</b>	0.01
Lead	0.025	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002
Magnesium	35	<b>16.5</b>	0.01	<b>22</b>	0.01	<b>21.2</b>	0.01
Manganese	0.3	<b>4.09</b>	0.053	<b>0.774</b>	0.005	<b>1.02</b>	0.005
Mercury	0.0007	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel	0.1	<b>0.009</b>	0.004	<b>0.025</b>	0.004	<b>0.021</b>	0.004
Potassium	NS	<b>17.6</b>	0.1	<b>32.8</b>	0.1	<b>11</b>	0.1
Selenium	0.01	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004
Silver	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Sodium	2	<b>122</b>	1.1	<b>326</b>	1.1	<b>73.6</b>	1.1
Thallium	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005
Vanadium	NS	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011
Zinc	2	<b>0.009</b>	0.011	<b>0.007</b>	0.011	<b>0.003</b>	0.011

**Notes:**

RL- Reporting limit

NS - No Standard

**Bold/highlighted-** Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 10A  
785 Metropolitan Avenue  
Brooklyn, New York  
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value ( $\mu\text{g}/\text{m}^3$ ) <sup>(a)</sup>	NYSDOH Soil Outdoor Background Levels ( $\mu\text{g}/\text{m}^3$ ) <sup>(b)</sup>	SG-1 ( $\mu\text{g}/\text{m}^3$ )		SG-2 ( $\mu\text{g}/\text{m}^3$ )	
			Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1	< 1.00	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	2.4	1	< 1.00	1
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1	< 1.00	1
1,1,2-Trichloroethane		<1.0	< 1.00	1	< 1.00	1
1,1-Dichloroethane		<1.0	12.1	1	1.78	1
1,1-Dichloroethene		<1.0	< 1.00	1	< 1.00	1
1,2,4-Trichlorobenzene		NA	< 1.00	1	< 1.00	1
1,2,4-Trimethylbenzene		<1.0	11.8	1	8.2	1
1,2-Dibromoethane		<1.5	< 1.00	1	< 1.00	1
1,2-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1
1,2-Dichloroethane		<1.0	< 1.00	1	< 1.00	1
1,2-Dichloropropane			< 1.00	1	< 1.00	1
1,2-Dichlorotetrafluoroethane			< 1.00	1	< 1.00	1
1,3,5-Trimethylbenzene		<1.0	4.27	1	3.14	1
1,3-Butadiene		NA	< 1.00	1	< 1.00	1
1,3-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1
1,4-Dichlorobenzene		NA	< 1.00	1	< 1.00	1
1,4-Dioxane			< 1.00	1	< 1.00	1
2-Hexanone			< 1.00	1	< 1.00	1
4-Ethyltoluene		NA	1.42	1	< 1.00	1
4-Isopropyltoluene			< 1.00	1	< 1.00	1
4-Methyl-2-pentanone			< 1.00	1	< 1.00	1
Acetone		NA	136	1	< 1.00	1
Acrylonitrile			< 1.00	1	< 1.00	1
Benzene		<1.6 - 4.7	28.2	1	6.42	1
Benzyl Chloride		NA	< 1.00	1	< 1.00	1
Bromodichloromethane		<5.0	< 1.00	1	< 1.00	1
Bromoform		<1.0	< 1.00	1	< 1.00	1
Bromomethane		<1.0	< 1.00	1	< 1.00	1
Carbon Disulfide		NA	8.09	1	63.2	1
Carbon Tetrachloride	5	<3.1	< 0.25	0.25	< 0.25	0.25
Chlorobenzene		<2.0	< 1.00	1	< 1.00	1
Chloroethane		NA	1.26	1	< 1.00	1
Chloroform		<2.4	9.81	1	< 1.00	1
Chloromethane		<1.0 - 1.4	< 1.00	1	< 1.00	1
cis-1,2-Dichloroethene		<1.0	1.43	1	< 1.00	1
cis-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1
Cyclohexane		NA	4.75	1	12	1
Dibromochloromethane		<5.0	< 1.00	1	< 1.00	1
Dichlorodifluoromethane		NA	39.2	1	19.3	1
Ethanol			10.2	1	6.18	1
Ethyl Acetate		NA	< 1.00	1	< 1.00	1
Ethylbenzene		<4.3	5.73	1	4.17	1
Heptane		NA	5.53	1	14	1
Hexachlorobutadiene		NA	< 1.00	1	< 1.00	1
Hexane		<1.5	14.3	1	45.1	1
Isopropylalcohol		NA	< 1.00	1	< 1.00	1
Isopropylbenzene			1.18	1	4.13	1
Xylene (m&p)		<4.3	17.4	1	11.3	1
Methyl Ethyl Ketone			5.13	1	3.3	1
MTBE		NA	< 1.00	1	15.8	1
Methylene Chloride		<3.4	39.2	1	10.8	1
n-Butylbenzene			1.64	1	1.81	1
Xylene (o)		<4.3	7.98	1	7.46	1
Propylene		NA	24.2	1	626	1
sec-Butylbenzene			< 1.00	1	2.36	1
Styrene		<1.0	< 1.00	1	< 1.00	1
Tetrachloroethene	100		10.3	0.25	10.2	0.25
Tetrahydrofuran		NA	< 1.00	1	< 1.00	1
Toluene		1.0 - 6.1	19.3	1	13.7	1
trans-1,2-Dichloroethene		NA	< 1.00	1	< 1.00	1
trans-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1
Trichloroethene	5	<1.7	9.5	0.25	2.42	0.25
Trichlorofluoromethane		NA	9.88	1	209	1
Trichlorotrifluoroethane			< 1.00	1	< 1.00	1
Vinyl Chloride		<1.0	< 0.25	0.25	< 0.25	0.25
<b>BTEX</b>			<b>78.61</b>		<b>43.05</b>	
<b>Total VOCs</b>			<b>389.31</b>		<b>997.55</b>	

Notes:

NA - No guidance value or standard available

(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, New York State Department of Health.

(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH)

TABLE 10B  
771 Metropolitan Avenue  
Brooklyn, New York  
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m <sup>3</sup> ) <sup>(a)</sup>	NYSDOH Soil Outdoor Background Levels (µg/m <sup>3</sup> ) <sup>(b)</sup>	SG-4 (µg/m <sup>3</sup> )		SG-5 (µg/m <sup>3</sup> )		SG-6 (µg/m <sup>3</sup> )	
			Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			<1.00	1	<1.00	1	<1.00	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	<b>1.2</b>	1	<b>1.09</b>	1	<b>1.47</b>	1
1,1,2,2-Tetrachloroethane		<1.5	<1.00	1	<1.00	1	<1.00	1
1,1,2-Trichloroethane		<1.0	<1.00	1	<1.00	1	<1.00	1
1,1-Dichloroethane		<1.0	<1.00	1	<1.00	1	<1.00	1
1,1-Dichloroethene		<1.0	<1.00	1	<1.00	1	<1.00	1
1,2,4-Trichlorobenzene		NA	<1.00	1	<1.00	1	<1.00	1
1,2,4-Trimethylbenzene		<1.0	<b>7.02</b>	1	<b>5.9</b>	1	<b>6.29</b>	1
1,2-Dibromoethane		<1.5	<1.00	1	<1.00	1	<1.00	1
1,2-Dichlorobenzene		<2.0	<1.00	1	<1.00	1	<1.00	1
1,2-Dichloroethane		<1.0	<1.00	1	<1.00	1	<1.00	1
1,2-Dichloropropane			<1.00	1	<1.00	1	<1.00	1
1,2-Dichlorotetrafluoroethane			<1.00	1	<1.00	1	<1.00	1
1,3,5-Trimethylbenzene		<1.0	<b>1.82</b>	1	<b>1.67</b>	1	<b>1.67</b>	1
1,3-Butadiene		NA	<1.00	1	<1.00	1	<1.00	1
1,3-Dichlorobenzene		<2.0	<1.00	1	<1.00	1	<1.00	1
1,4-Dichlorobenzene		NA	<1.00	1	<1.00	1	<1.00	1
1,4-Dioxane			<1.00	1	<1.00	1	<1.00	1
2-Hexanone			<1.00	1	<1.00	1	<1.00	1
4-Ethyltoluene		NA	<b>1.47</b>	1	<b>1.47</b>	1	<b>1.33</b>	1
4-Isopropyltoluene			<1.00	1	<1.00	1	<1.00	1
4-Methyl-2-pentanone			<b>1.72</b>	1	<b>2.5</b>	1	<b>2.33</b>	1
Acetone		NA	<b>4.06</b>	1	<b>4.89</b>	1	<b>5.08</b>	1
Acrylonitrile			<1.00	1	<1.00	1	<1.00	1
Benzene		<1.6 - 4.7	<1.00	1	<1.00	1	<1.00	1
Benzyl Chloride		NA	<1.00	1	<1.00	1	<1.00	1
Bromodichloromethane		<5.0	<1.00	1	<1.00	1	<1.00	1
Bromoform		<1.0	<1.00	1	<1.00	1	<1.00	1
Bromomethane		<1.0	<1.00	1	<1.00	1	<1.00	1
Carbon Disulfide		NA	<1.00	1	<b>9.62</b>	1	<1.00	1
Carbon Tetrachloride	5	<3.1	<0.25	0.25	<0.25	0.25	<0.25	0.25
Chlorobenzene		<2.0	<1.00	1	<1.00	1	<1.00	1
Chloroethane		NA	<1.00	1	<1.00	1	<1.00	1
Chloroform		<2.4	<1.00	1	<1.00	1	<b>1.27</b>	1
Chloromethane		<1.0 - 1.4	<1.00	1	<1.00	1	<1.00	1
cis-1,2-Dichloroethene		<1.0	<1.00	1	<1.00	1	<1.00	1
cis-1,3-Dichloropropene		NA	<1.00	1	<1.00	1	<1.00	1
Cyclohexane		NA	<1.00	1	<1.00	1	<1.00	1
Dibromochloromethane		<5.0	<1.00	1	<1.00	1	<1.00	1
Dichlorodifluoromethane		NA	<b>2.37</b>	1	<b>50.9</b>	1	<b>13.2</b>	1
Ethanol			<b>14.1</b>	1	<b>17.3</b>	1	<b>16.2</b>	1
Ethyl Acetate		NA	<b>1.12</b>	1	<b>2.05</b>	1	<b>2.27</b>	1
Ethylbenzene		<4.3	<b>2.52</b>	1	<b>2.6</b>	1	<b>2</b>	1
Heptane		NA	<b>1.35</b>	1	<b>9.09</b>	1	<1.00	1
Hexachlorobutadiene		NA	<1.00	1	<1.00	1	<1.00	1
Hexane		<1.5	<b>1.3</b>	1	<b>2.22</b>	1	<b>3.84</b>	1
Isopropylalcohol		NA	<1.00	1	<1.00	1	<1.00	1
Isopropylbenzene			<1.00	1	<1.00	1	<1.00	1
Xylene (m&p)		<4.3	<b>9.37</b>	1	<b>9.5</b>	1	<b>8.55</b>	1
Methyl Ethyl Ketone			<b>1.68</b>	1	<b>1.33</b>	1	<b>2</b>	1
MTBE		NA	<1.00	1	<1.00	1	<1.00	1
Methylene Chloride		<3.4	<b>1.46</b>	1	<b>1.28</b>	1	<b>4.13</b>	1
n-Butylbenzene			<1.00	1	<1.00	1	<1.00	1
Xylene (o)		<4.3	<b>4.34</b>	1	<b>4.43</b>	1	<b>4.12</b>	1
Propylene		NA	<1.00	1	<b>3.2</b>	1	<1.00	1
sec-Butylbenzene			<1.00	1	<1.00	1	<1.00	1
Styrene		<1.0	<1.00	1	<1.00	1	<1.00	1
Tetrachloroethene	100		<b>2.85</b>	0.25	<b>1.83</b>	0.25	<b>42.9</b>	0.25
Tetrahydrofuran		NA	<1.00	1	<1.00	1	<1.00	1
Toluene		1.0 - 6.1	<b>3.73</b>	1	<b>3.43</b>	1	<b>2.6</b>	1
trans-1,2-Dichloroethene		NA	<1.00	1	<1.00	1	<1.00	1
trans-1,3-Dichloropropene		NA	<1.00	1	<1.00	1	<1.00	1
Trichloroethene	5	<1.7	<0.25	0.25	<0.25	0.25	<0.25	0.25
Trichlorofluoromethane		NA	<b>1.68</b>	1	<b>13.6</b>	1	<b>27.3</b>	1
Trichlorotrifluoroethane			<1.00	1	<1.00	1	<1.00	1
Vinyl Chloride		<1.0	<0.25	0.25	<0.25	0.25	<0.25	0.25
<b>BTEX</b>			<b>19.96</b>		<b>19.96</b>		<b>17.27</b>	
<b>Total VOCs</b>			<b>65.16</b>		<b>149.90</b>		<b>148.55</b>	

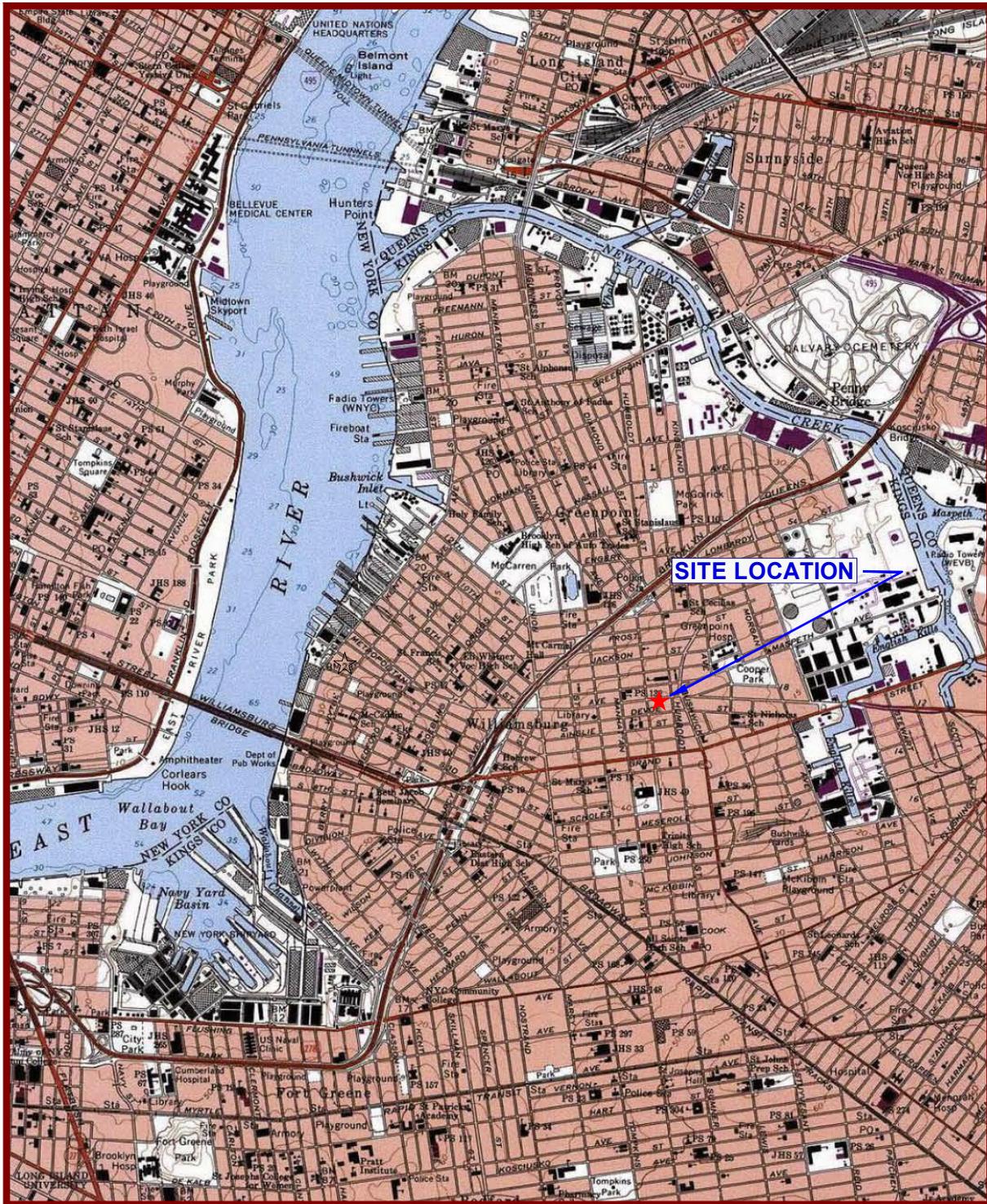
Notes:

NA No guidance value or standard available

(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, New York State Department of Health.

(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds

# **FIGURES**



40°45.000' N

40°44.000' N

40°43.000' N

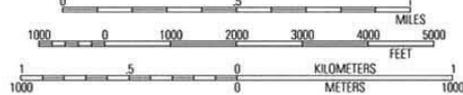
40°42.000' N

73°59.000' W

73°58.000' W

73°57.000' W

WGS84 73°56.000' W



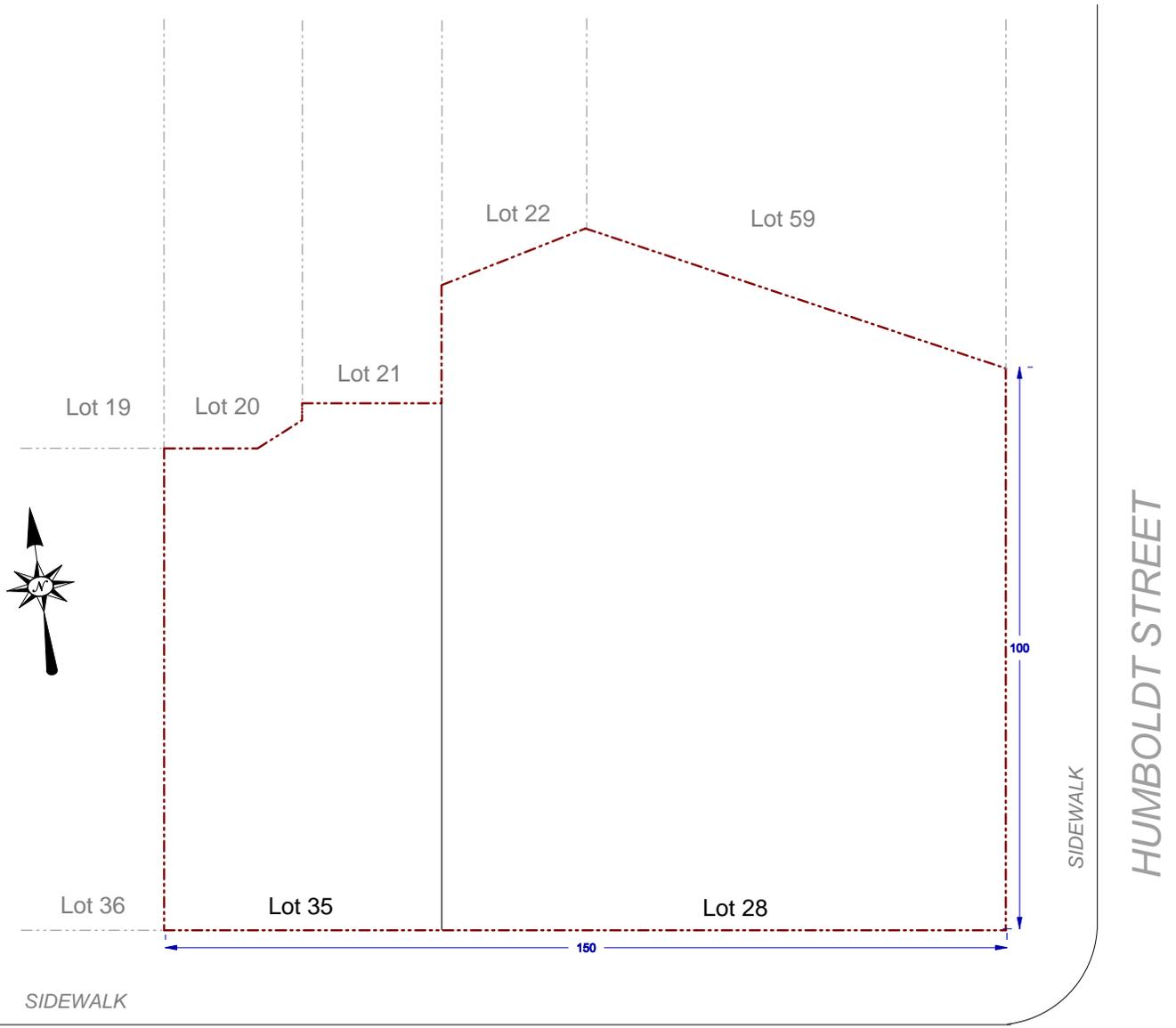
06/04/11

USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

**EBC**  
 Environmental Business Consultants  
 Phone 631.504.6000  
 Fax 631.924.2870

771-781 METROPOLITAN AVENUE  
 Brooklyn, NY

**FIGURE 1** Site Location Map



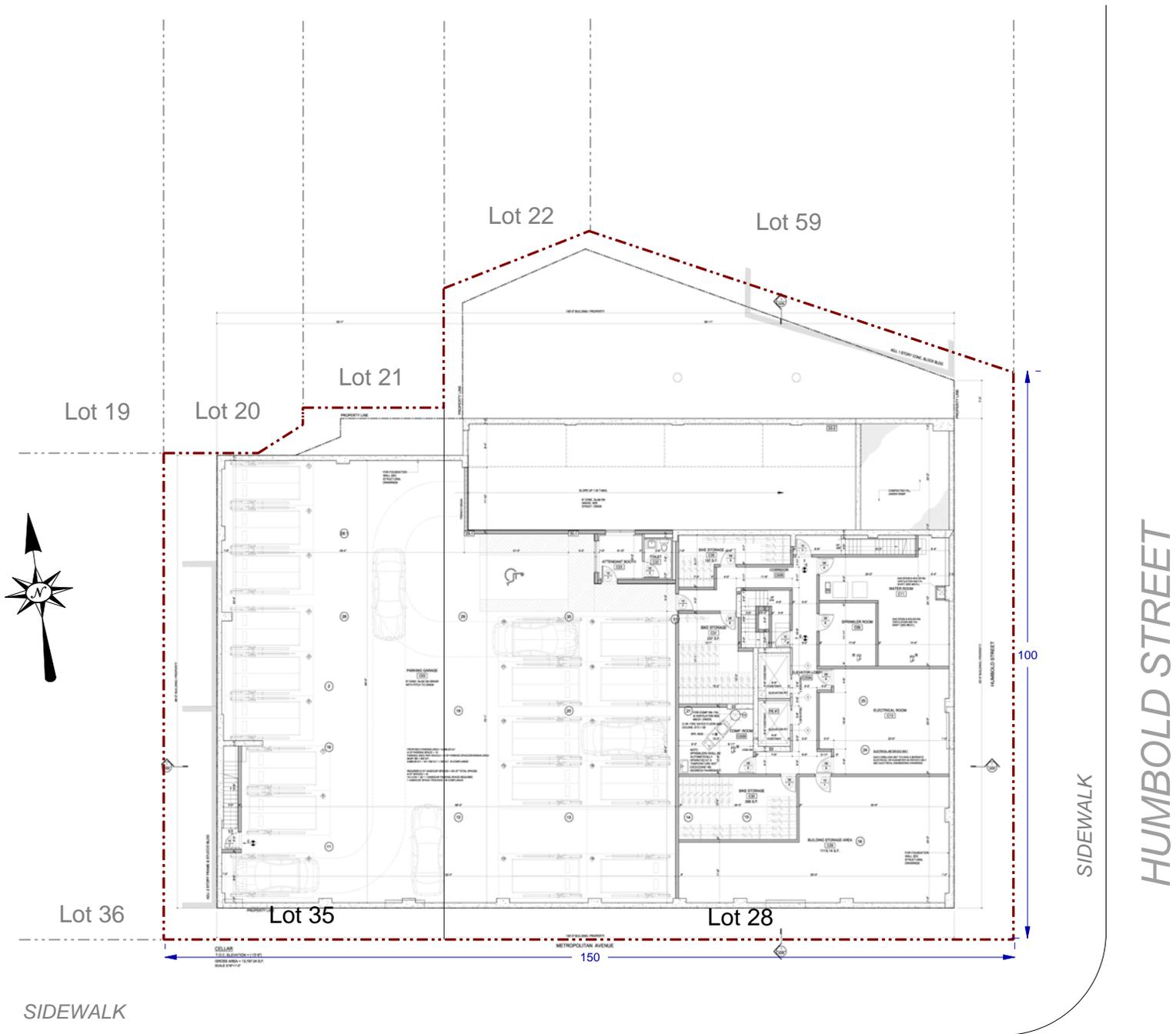
**METROPOLITAN AVENUE**

**KEY:**  
 Property Boundary

**SCALE:**  
  
 Scale: 1 inch = 30 feet

**Figure No.**  
**2**

Site Name:	<b>REDEVELOPMENT PROJECT</b>
Site Address:	<b>771-781 METROPOLITAN AVENUE, BROOKLYN, NY</b>
Drawing Title:	<b>SITE BOUNDARY MAP</b>



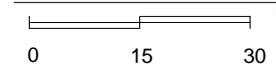
SIDEWALK

# METROPOLITAN AVENUE

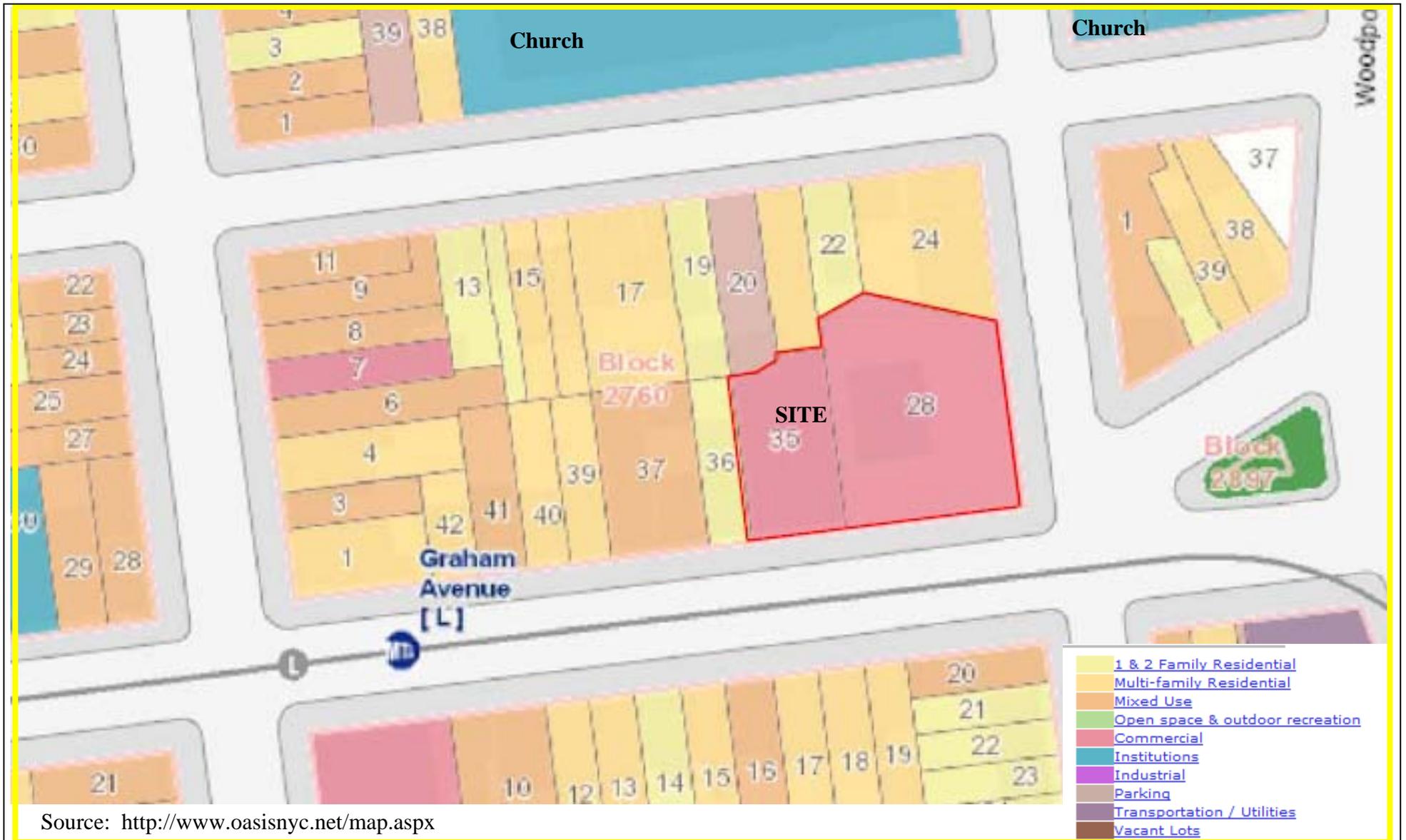
KEY:



SCALE:



Scale: 1 inch = 30 feet

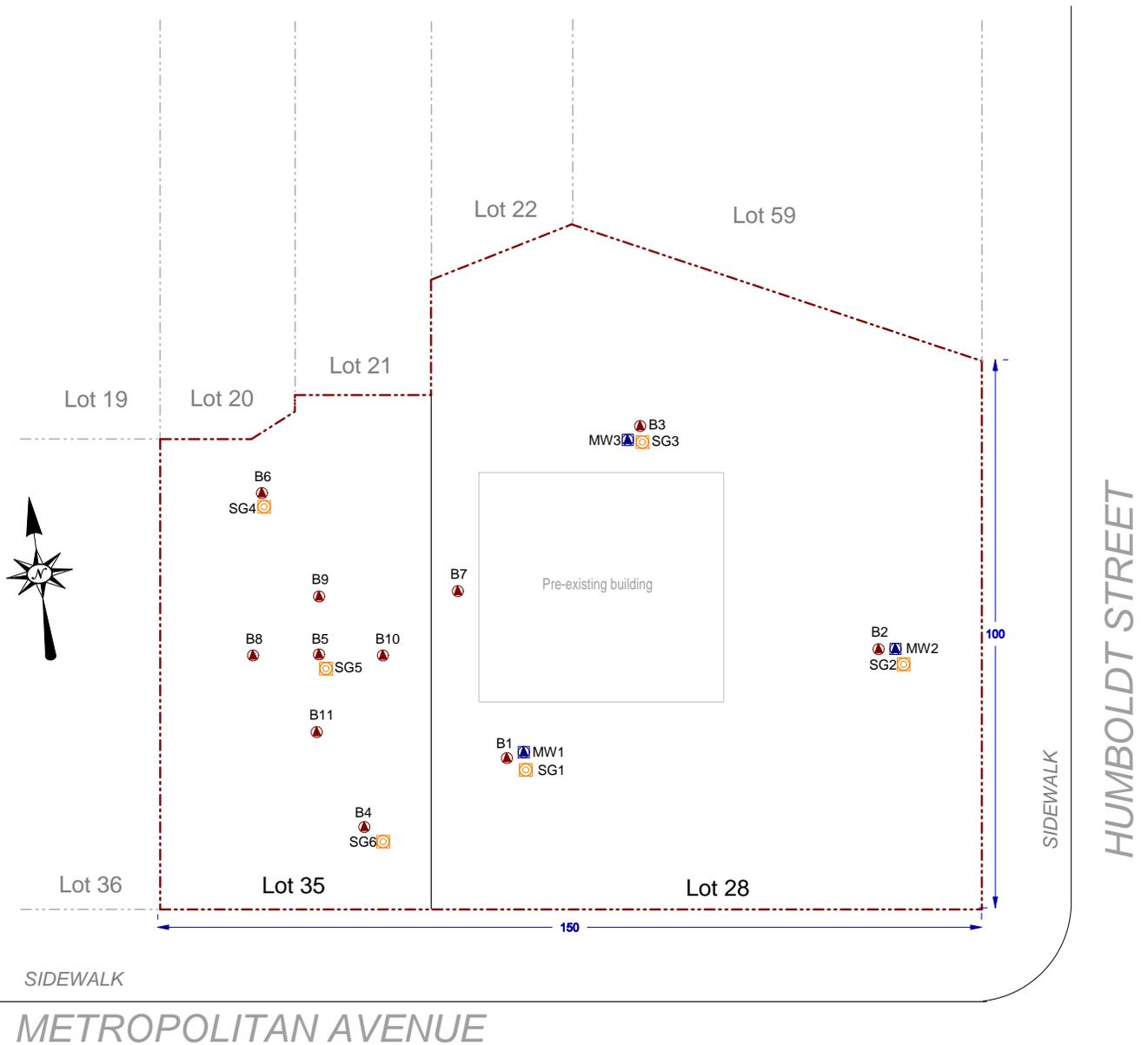


**FIGURE 4**  
**SURROUNDING LAND USE MAP**

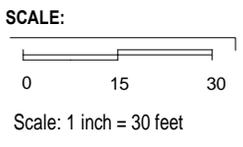
771-781 METROPOLITAN AVENUE,  
 BROOKLYN, NY 11206

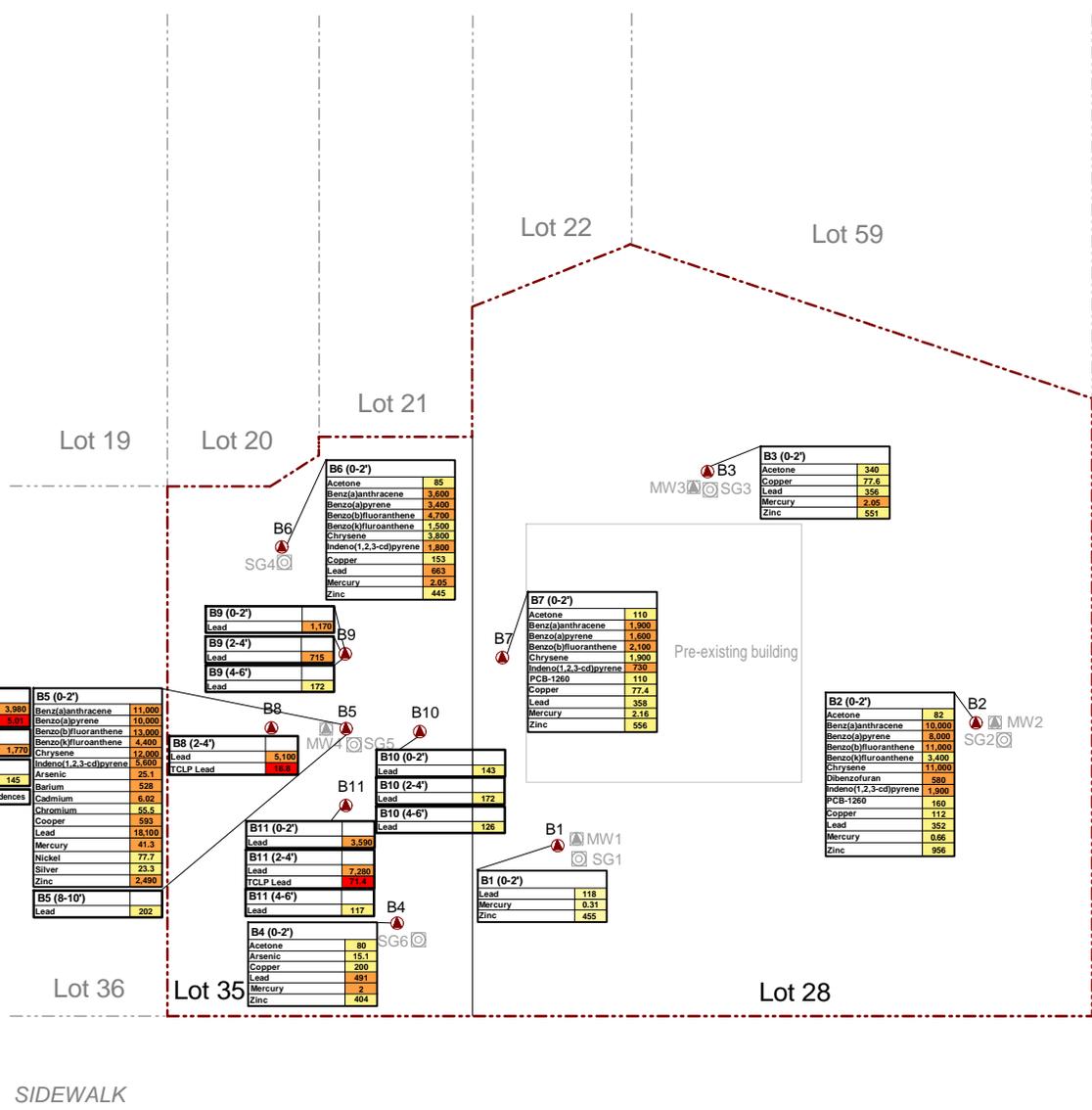


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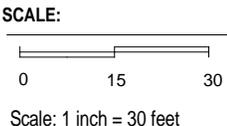
- KEY:**
- Property Boundary
  - ▲ Groundwater Sampling Location
  - ▲ Soil Boring Location
  - Soil Gas Sampling Location



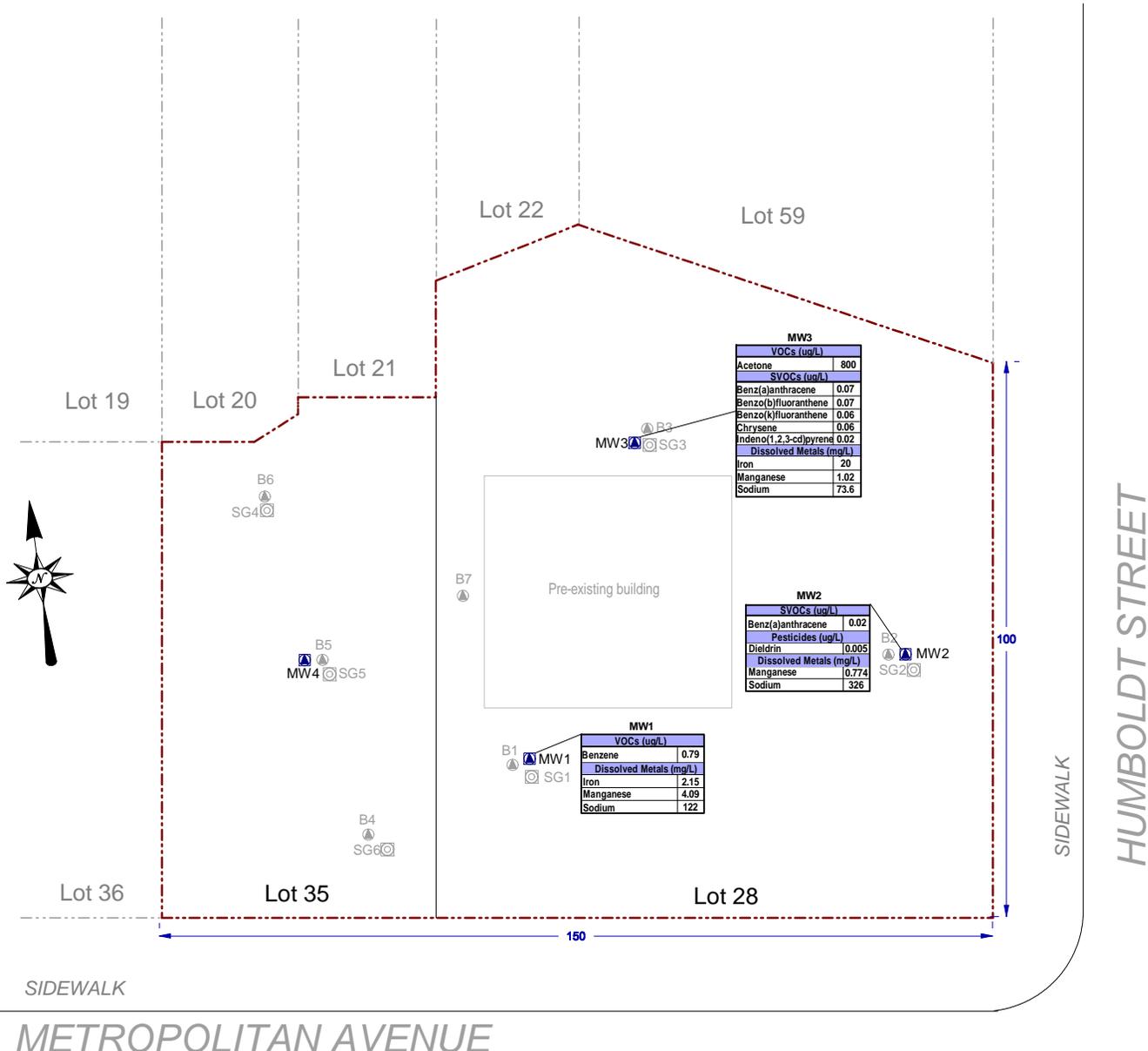


METROPOLITAN AVENUE

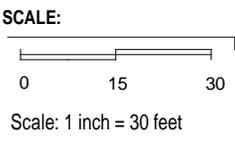
- KEY:**
- Property Boundary
  - Groundwater Sampling Location
  - ▲ Soil Boring Location
  - Soil Gas Sampling Location
  - Exceeds Unrestricted SCOs
  - Exceeds Restricted Residential SCOs
  - Exceeds TCLP Hazardous Level



Note: SVOCs reported in ug/Kg, metals reported in mg/Kg  
TCLP reported in ug/L

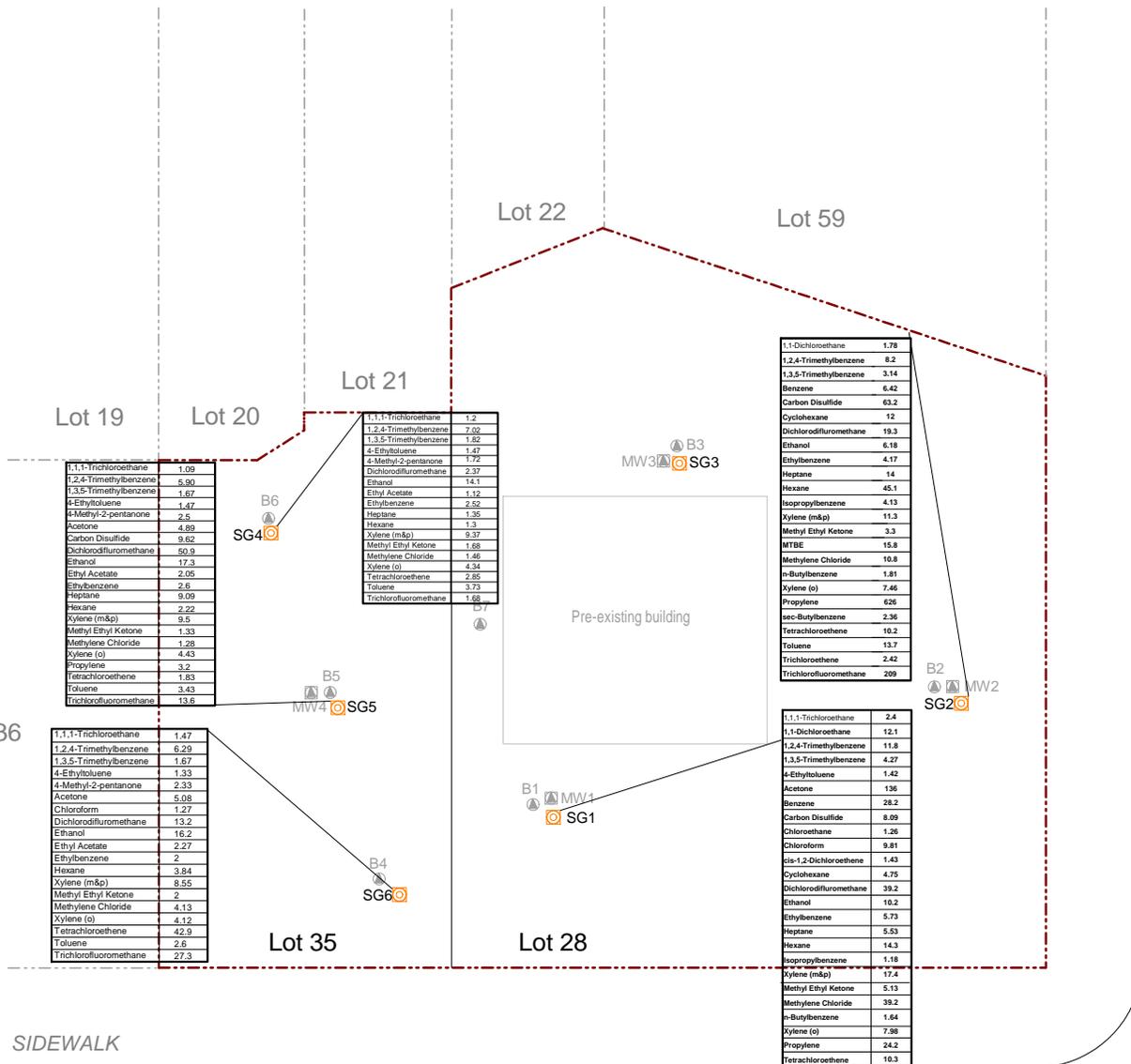


- KEY:**
- Property Boundary
  - ▲ Groundwater Sampling Location
  - ▲ Soil Boring Location
  - Soil Gas Sampling Location



**Figure No. 5**

Site Name: **REDEVELOPMENT PROJECT**  
 Site Address: **771-781 METROPOLITAN AVENUE, BROOKLYN, NY**  
 Drawing Title: **SITE SAMPLING PLAN**



1,1,1-Trichloroethane	1.09
1,2,4-Trimethylbenzene	5.30
1,3,5-Trimethylbenzene	1.67
4-Ethyltoluene	1.47
4-Methyl-2-pentanone	2.5
Acetone	4.89
Carbon Disulfide	9.62
Dichlorodifluoromethane	50.9
Ethanol	17.3
Ethyl Acetate	2.05
Ethylbenzene	2.6
Heptane	9.09
Hexane	2.22
Xylene (m&p)	9.5
Methyl Ethyl Ketone	1.33
Methylene Chloride	1.28
Xylene (o)	4.43
Propylene	3.2
Tetrachloroethene	1.83
Toluene	3.43
Trichlorofluoromethane	13.6

1,1,1-Trichloroethane	1.2
1,2,4-Trimethylbenzene	7.02
1,3,5-Trimethylbenzene	1.82
4-Ethyltoluene	1.07
4-Methyl-2-pentanone	1.72
Dichlorodifluoromethane	2.37
Ethanol	14.1
Ethyl Acetate	1.12
Ethylbenzene	2.52
Heptane	1.35
Hexane	1.3
Xylene (m&p)	9.37
Methyl Ethyl Ketone	1.68
Methylene Chloride	1.46
Xylene (o)	4.34
Tetrachloroethene	2.85
Toluene	3.73
Trichlorofluoromethane	1.68

1,1-Dichloroethane	1.78
1,2,4-Trimethylbenzene	8.2
1,3,5-Trimethylbenzene	3.14
Benzene	6.42
Carbon Disulfide	63.2
Cyclohexane	12
Dichlorodifluoromethane	19.3
Ethanol	6.18
Ethylbenzene	4.17
Heptane	14
Hexane	45.1
Isopropylbenzene	4.13
Xylene (m&p)	11.3
Methyl Ethyl Ketone	3.3
MTBE	15.8
Methylene Chloride	10.8
n-Butylbenzene	1.81
Xylene (o)	7.46
Propylene	626
sec-Butylbenzene	2.36
Tetrachloroethene	10.2
Toluene	13.7
Trichloroethane	2.42
Trichlorofluoromethane	209

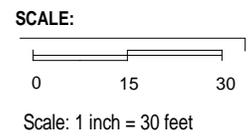
1,1,1-Trichloroethane	1.47
1,2,4-Trimethylbenzene	6.29
1,3,5-Trimethylbenzene	1.67
4-Ethyltoluene	1.33
4-Methyl-2-pentanone	2.33
Acetone	5.08
Chloroform	1.27
Dichlorodifluoromethane	13.2
Ethanol	16.2
Ethyl Acetate	2.27
Ethylbenzene	2
Hexane	3.84
Xylene (m&p)	9.55
Methyl Ethyl Ketone	2
Methylene Chloride	4.13
Xylene (o)	4.12
Tetrachloroethene	42.9
Toluene	2.6
Trichlorofluoromethane	27.3

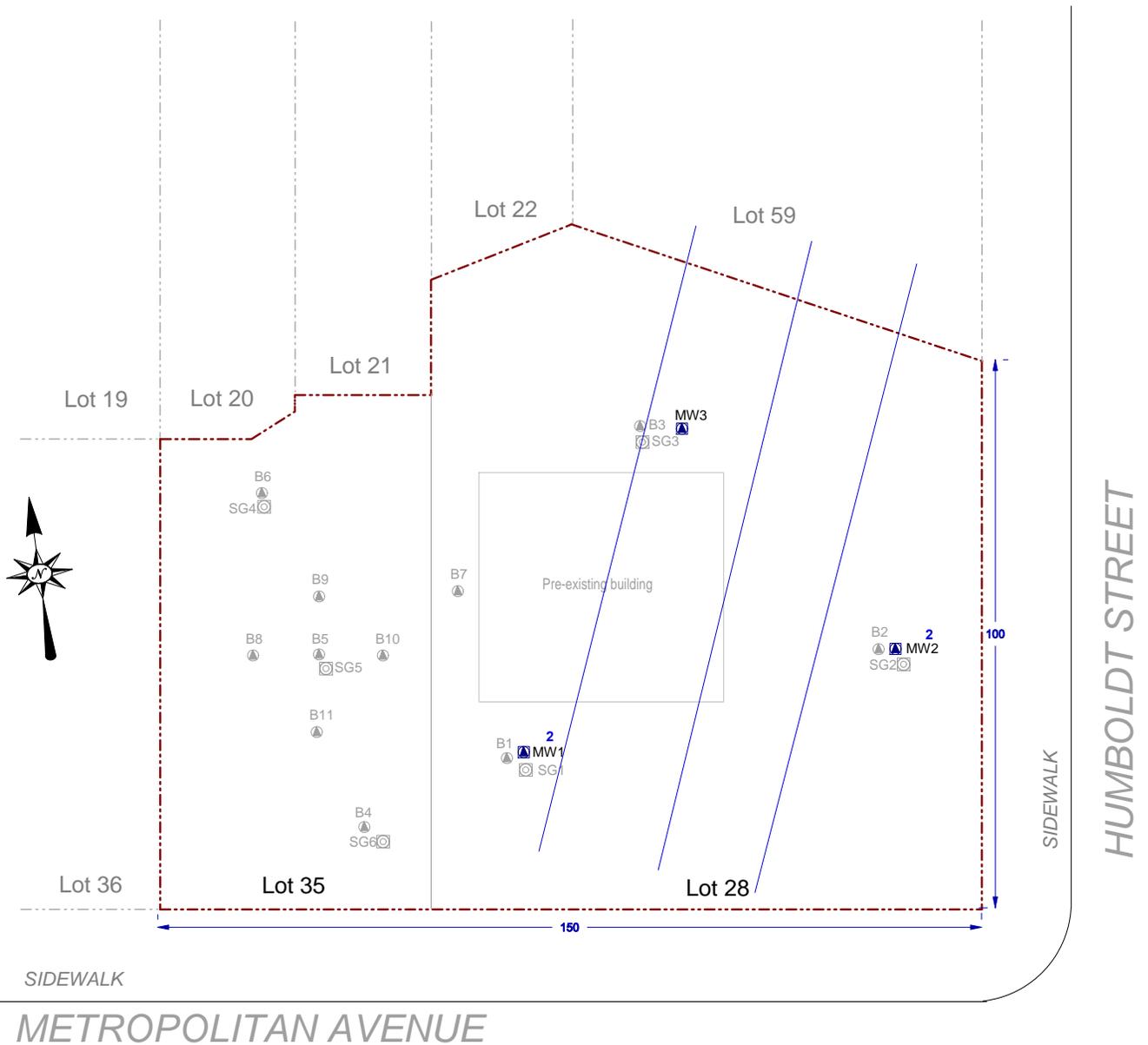
1,1,1-Trichloroethane	2.4
1,1-Dichloroethane	12.1
1,2,4-Trimethylbenzene	11.8
1,3,5-Trimethylbenzene	4.27
4-Ethyltoluene	1.42
Acetone	136
Benzene	28.2
Carbon Disulfide	8.09
Chloroethane	1.26
Chloroform	9.81
cis-1,2-Dichloroethene	1.43
Cyclohexane	4.75
Dichlorodifluoromethane	39.2
Ethanol	10.2
Ethylbenzene	5.73
Heptane	5.53
Hexane	14.3
Isopropylbenzene	1.18
Xylene (m&p)	17.4
Methyl Ethyl Ketone	5.13
Methylene Chloride	39.2
n-Butylbenzene	1.84
Xylene (o)	7.98
Propylene	24.2
Tetrachloroethene	10.3
Toluene	19.3
Trichloroethane	9.5
Trichlorofluoromethane	9.88

SIDEWALK  
METROPOLITAN AVENUE

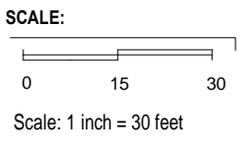
HUMBOLDT STREET

- KEY:**
- Property Boundary
  - Groundwater Sampling Location
  - Soil Boring Location
  - Soil Gas Sampling Location





- KEY:**
- Property Boundary
  - ▲ Groundwater Sampling Location
  - ▲ Soil Boring Location
  - Soil Gas Sampling Location



**ATTACHMENT A**  
**PHASE I REPORT**

# PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

October 23, 2014

EBC Project No: AAR 1403

771-781 Metropolitan Avenue, Brooklyn, NY 11211

Block 2760, Lot No. 28 & 35



## Prepared for:

Adam America Real Estate  
370 Lexington Avenue  
6<sup>th</sup> Floor Suite 607  
New York, NY, 10017



**ENVIRONMENTAL BUSINESS CONSULTANTS**

1808 MIDDLE COUNTRY ROAD, RIDGE, NEW YORK 11961

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## EXECUTIVE SUMMARY

Environmental Business Consultants (EBC) prepared this Phase I Environmental Site Assessment (ESA) for the following property on behalf of Adam America Real Estate: 771-785 Metropolitan Avenue, Brooklyn, New York, 11211. The purpose of the Phase I ESA was to identify and evaluate the presence of recognized environmental conditions at the Site. Recognized environmental conditions are the presence or likely presence of any hazardous substance or petroleum product under conditions that indicate an existing release, a past release or material threat of a release of any hazardous substance or petroleum product into structures on the property or into the ground, groundwater or surface water of the property.

The work was conducted in accordance with the American Society for Testing and Materials (ASTM) Standard E 1527-13 (Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process), 40 CFR Part 312 (Standards and Practices for All Appropriate Inquiry; Final Rule), and EBC's proposal for services.

The Site consists of two tax lots which are located on the north side of Metropolitan Avenue in the East Williamsburg Section of the Borough of Brooklyn, City of New York, Kings County, New York. The Street address associated with the Site is 771-785 Metropolitan Avenue, Brooklyn, New York 11211 and is identified as Block 2760 and Lots 35 and 28 in the New York City (NYC) Tax Map. The lot is irregularly shaped and approximately 15,937 square feet (s.f.) in total with approximately 175 feet of total street frontage on Metropolitan Avenue.

EBC was able to establish a history for the property dating back to 1887. In 1887, the Site was developed with three two-story dwellings, two single-story carpenters facilities, two stables, a wagon house, two single-story stores and five small single-story structures. In 1905 the Site was occupied by four stables, one carpenter, a single-story building, a single story building with an office, two small single-story buildings, two stores, one single- and one two-story. The dwellings no longer exist and there is now an open space on the west side of the lot designated as junk. In 1916 the office, a stable and the junk space has now been developed into a rags and paper facility, wagon shed and stable. One



of the stables has been replaced with a building designated for hay and feed along with a small stable. The building containing rags is now designated for junk. In 1942, the rags and paper facility, wagon shed and stable remain the same on the west side of the lot, and the rest of the lot now contains a building containing automobiles, three small single-story structures, and the rest is designated as a pipe yard. A small portion of the northeast side of the current day Site contains the corner of an adjacent building, which in 1942 was being used as an auto repair shop. In 1951 the rags and paper stock building now includes the hay and feed building and the stable. The pipe yard now contains one additional small single-story building. The building on the south side of the lot that contained automobiles is now an iron pipe shop. In 1965 one of the single story structures, in the southeast corner of the lot, is serving as an office. In 1978 the rags and paper facility is now for waste paper and one of the structures in the center of the pipe yard has been expanded east and south. In 1989 the waste paper facility remains on the west side of the lot remains, and the rest of the Site is now undeveloped except for a commercial building at the center of the Site labeled 'iron'. The site still contains the small portion of the auto repair shop at the northeast corner and it remains this way until at least 2007. In 2008 the commercial building became a fast food restaurant, White Castle, and in 2013 the waste paper facility is listed as a basement corporation.

## **RECOGNIZED ENVIROMENTAL CONDITIONS**

Based upon reconnaissance of the Site and surrounding properties, interviews and review of historical records and regulatory agency databases, **this assessment has revealed two recognized environmental conditions in connection with the Site and is further discussed below:**

- In 1916 and 1932, the northeast and southeast corners of the Site, respectively, were developed and used as junkyards. Junkyards typically process hazardous materials including petroleum hydrocarbons, heavy metals and acids. There is a potential that these products were improperly stored or released at the site.
- A portion of the Site was formerly occupied by an auto repair facility. Auto repair operations typically store and utilize solvents and petroleum products on-site including oil, waste oil, antifreeze, battery acid, grease, antifreeze, and solvent parts washers (containing perchloroethylene)..

These RECs have been fully investigated during a Phase II investigation was performed by EBC September 11 through October 10, 2014 .

With the exception of acetone, a common laboratory introduced contaminant, there were no VOCs reported above SCOs in any of the soil samples analyzed. The SVOCs, PCBs and metals reported above SCOs are all related to the fill material present on-site and do not indicate a release associated with historic use of the property.

Lead was reported at high concentrations in the 0-2 ft interval of B5. Further delineation of this condition identified an approximate 650 sf area with lead above the TCLP limit to depths of between 2 and 4 ft. Note that under a redevelopment scenario this area will need to be excavated and disposed of separately from the rest of the fill present on -site. Costs for soil disposal with lead above the TCLP criteria will be approximately \$ 125/ton and require an EPA ID number. NYS Waste generation fees will be waived in this case since the work would be part of a redevelopment project performed under the NYC Voluntary Cleanup program.

Two VOCs were reported above groundwater standards, benzene at 0.79 ug/L in MW1 and acetone at 800 ug/L in MW3. Acetone is a common laboratory introduced contaminant which is unlikely to be related to the historic use of the property. The low level of benzene is not of concern and is likely associated with background conditions.

The petroleum VOCs and CVOCs reported in soil gas were also consistent with background conditions in the area. Such detections are commonly reported in soil gas samples in current or former commercial areas of Brooklyn. The PCE and TCE concentrations reported were below recommended NYSDOH mitigation levels. Based on our experience a passive subslab venting system may be required under a redevelopment scenario along with an upgraded vapor barrier (20 mil) which is required on all redevelopment projects with an E-designation. If this portion of the Site were to remain open or if it were to be used for parking then the venting system would not be needed.

Based on the results of the investigation, the past uses of the site have not impacted the environmental condition of the property and no further investigation is warranted. The property does have an E-designation which will require proper handling and disposal of the identified fill materials if the

property were to be redeveloped and excavated. In addition, the soil from an approximate 650 ft x 4 foot area which failed the TCLP criteria will require disposal at a New Jersey hazardous waste disposal facility. Prior to commencing redevelopments activities, an OER approved Remedial Investigation Report and Remedial Action Work plan should be completed.

### **ADDITIONAL ENVIROMENTAL ISSUES**

The Site has been assigned an E-designation (E-282) for Hazmat, Air and Noise as part of the Greenpoint–Williamsburg contextual rezoning completed by the City in July 2009 (CEQR 09DCP056K).

An E-designation does not interfere with the present use of the Site; however E-designations do prevent the release of building permits subject to a detailed environmental review and release by the NYC Office of Environmental Remediation. Such release may require a full subsurface investigation, remedial and health and safety planning, implementation of a remedial program and documentation that the remedial program was completed during redevelopment of the property. A Phase II investigations was completed by EBC on September 11 through October 10, 2014. To satisfy the Hazmat E designation a OER approved Remedial Investigation Report and Remedial Action Work plan should be completed for the Site.

The Noise E requires that any new building constructed on the property include a window wall system which will achieve a noise attenuation of 35 dBA to maintain a maximum interior noise level of 45 dBA. An alternate means of ventilation such as through the wall or central air conditioning will also be required to maintain a closed window condition. Satisfaction of the Noise E requires the submission of a Noise Remedial Action Plan and an Installation Report certified by a Professional Engineer or Registered Architect.

The Air E requires any new residential or commercial development must ensure that the heating, ventilation and air conditioning stack(s) are located at least fourteen (14) feet for fuel oil from the lot line facing Graham Avenue or use Natural Gas as the type of fuel for space heating and hot water (HVAC) systems, to avoid any potential significant adverse air quality impacts.



## *Asbestos and Lead Based Paint*

Based on the date of construction, asbestos containing materials (roof, roof flashing, floor tiles and other concealed materials) and or lead based paint may be present. During the site inspection conducted by EBC, all suspect materials were noted to be in fair to good condition. Prior to any renovations or demolition of the building, an asbestos and lead based paint survey would be needed to determine the asbestos and or lead based paint content of suspect materials.

### 1.0 INTRODUCTION

#### **1.1 Purpose**

Environmental Business Consultants (EBC) prepared this Phase I Environmental Site Assessment (ESA) for the following property on behalf of Adam America Real Estate; for the property located at, 771-781 Metropolitan Avenue, Brooklyn, NY, 11211 (**Figure 1**). The purpose of the Phase I ESA was to identify and evaluate the presence of recognized environmental conditions at the Site. Recognized environmental conditions are the presence or likely presence of any hazardous substance or petroleum product under conditions that indicate an existing release, a past release or material threat of a release of any hazardous substance or petroleum product into structures on the property or into the ground, groundwater or surface water of the property.

#### **1.2 Scope of Services**

The assessment consisted of a visual inspection of the site and surrounding areas, interviews, a review of historical information and maps, and a review of pertinent local, state, federal and facility records. Environmental Data Resources (EDR) of Southport, Connecticut, provided the following information: a computerized database search of environmental compliance records of sites within an ASTM standard radius of the property, a Sanborn fire insurance map search, and a historical telephone directory search.

EBC reviewed the environmental database report compiled by EDR as a part of the assessment. The purpose of the review was to identify reported listings for the Site or other properties in the site vicinity. Databases reviewed included federal and state lists of known or suspected contaminated sites, lists of known handlers or generators of hazardous waste, lists of known waste disposal facilities, and lists of aboveground and underground storage tanks (ASTs and USTs). EBC's review of the database has been incorporated into this report along with a copy of the EDR report.

The work was conducted in accordance with the American Society for Testing and Materials (ASTM) Standard E 1527-13 (Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process), 40 CFR Part 312 (Standards and Practices for All Appropriate Inquiry; Final Rule), and EBC's proposal for services.

### **1.3 Significant Assumptions**

EBC has made the following assumptions in the preparation of this report:

1. Groundwater – The depth to groundwater at the Site is approximately 24 feet below grade surface (bgs). Groundwater is expected to flow to the northeast, consistent with the regional trend.
2. Regulatory Records Information – EBC assumes that all information provided by EDR regarding the regulatory status of facilities within the ASTM Standard approximate minimum search distance is complete, accurate and current.
3. Other - EBC assumes that all information provided through interviews is complete and unbiased.

### **1.4 Limitations and Exceptions**

The conclusions presented in this report are professional opinions based on the data described in this report. These opinions have been arrived at in accordance with currently accepted engineering and hydrogeologic standards and practices applicable to this location, and are subject to the following inherent limitations:

1. The data presented in this report are from visual inspections, examination of records in the public domain, and interviews with individuals having information about the site. The passage of time, manifestation of latent conditions, or occurrence of future events may require further exploration of the site, analysis of data, and re-evaluation of the findings, observations, and conclusions presented in this report.
2. The data reported and the findings, observations, and conclusions expressed are limited by the scope of work. The scope of work was defined by the request of the client.
3. No warranty or guarantee, whether expressed or implied, is made with respect to the data reported, findings, observations, or conclusions. These are based solely upon site conditions in existence at the time of the investigation, and other information obtained and reviewed by EBC.

4. EBC's Phase I ESA report presents professional opinions and findings of a scientific and technical nature. While attempts were made to relate the data and findings to applicable environmental laws and regulations, the report shall not be construed to offer legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, or regulations, or policies of federal, state, or local government agencies. EBC does not assume liability for financial or other losses or subsequent damage caused by or related to any use of this document.
5. The conclusions presented in this report are professional opinions based on data described in this report. They are intended only for the purpose, site location, and project indicated. This report is not a definitive study of contamination at the site and should not be interpreted as such.
6. This report is based, in part, on information supplied to EBC by third-party sources. While efforts have been made to substantiate this third-party information, EBC cannot attest to the completeness or accuracy of information provided by others.

### **1.5 Special Terms and Conditions**

Authorization to perform this assessment was given by a proposal for services between Adam America Real Estate and EBC.

### **1.6 User Reliance**

This report was prepared for the exclusive use of Adam America Real Estate; no other party may use the report without the written authority of EBC.



## 2.0 PROPERTY DESCRIPTION AND PHYSICAL SETTING

### 2.1 Location and Legal Description

The site consists of two tax lots which are located on the north side of Metropolitan Avenue in the Williamsburg Section of the Borough of Brooklyn, City of New York, Kings County, New York. The street address associated with the Site is 771-785 Metropolitan Avenue, Brooklyn, New York 11211 and is identified as Block 2760 and Lots 28 and 35 in the New York City (NYC) Tax Map. The lot is polygon shaped and approximately 16,000 square feet (s.f.) in total with approximately 150 feet of street frontage on Metropolitan Avenue and approximately 100 feet of street frontage on Humboldt Street.

Records were obtained from the New York City Registrar on October 21, 2014, including copies of the tax map and deeds for the Site dating back to 1987. A copy of all of the information obtained is attached in Appendix B.

*The deed transfer information for Lot 35, 771 Metropolitan Avenue is listed below:*

March 3, 2014 - Ownership of Site transferred from Metroperez LLC to 771 Metro Investors LLC.

December 9, 2008 – Ownership of Site transferred from Metyea LLC to Metroperez LLC.

*The deed transfer information for Lot 28, 785 Metropolitan Avenue is listed below.*

May 29, 2013 - Ownership of Site transferred from Hudson Realty Services INC to 781 Metro Investors LLC.

December 1, 1987 – Ownership of Site transferred from Moreno, Marion/Exec to Hudson Realty Svcs/INC.

### 2.2 Site Characteristics

The Site is developed with two (2) single-story commercial buildings. Lot 28 contains a basement within the entire footprint of the existing building. The buildings on both lots are currently vacant. A parking area is noted for the Site on Lot 28 and topography was noted to be generally level.

Photographs taken during of the Site during the site inspection are attached in **Appendix A**.



### 2.2.1 Utilities

Electric service for the building is provided by Con-Edison, potable water is supplied by the New York City Department of Environmental Protection (NYCDEP). Sanitary waste for the building is discharged to the New York City municipal sewer system. The Site is heated and supplied hot water by natural gas-fired equipment.

## 2.3 Physical Setting

The topography of the site and surrounding area was reviewed from the United States Geological Survey (USGS) 7.5-minute series topographic map for the Brooklyn, New York (NY) Quadrangle (Figure 3), which indicates that the Site has a topographic elevation of approximately 39 feet above mean sea level (amsl). The Site is relatively flat with the general topographic gradient sloping to the northeast.

### 2.3.1 Surface Water

English Kills is approximately 1 mile east of the Site.

### 2.3.2 Soils

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. Soil maps, based on the State Soil Geographic (STATSGO) Database, are compiled by generalizing more detailed Soil Survey Geographic (SSURGO) database maps.

According to the STATSGO data, the soil component in the vicinity of the Site is identified as Urban Land and is described as having a variable surface texture. The STATSGO database states that additional subordinant soil types may be present in the general vicinity of the Site. These soil types are described as mainly loamy sand and silt loam. Deeper soil types consist of very gravelly, loamy sand, unweathered bedrock and stratified sandy loam.

Additional information regarding the soil classification is also included in on Page A-4 of the Environmental Data Resources, Inc. (EDR) database report (Appendix E).

### 2.3.3 Groundwater

Estimated groundwater levels and flow directions may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures, or de-watering operations. Generally, groundwater flow typically mimics surface topography and will also tend to flow towards nearby bodies of water. Information contained in the EDR database report, the USGS Water-Table and Potentiometric-Surface Altitudes in the Upper Glacial, Magothy and Lloyd Aquifers Beneath Long Island, March-April 2006 (**Figure 5**), the USGS web site and topographic map were used to estimate groundwater depth and flow direction.

Based upon a surface elevation of 39 feet amsl, the depth to groundwater in the vicinity of the Site is approximately 24 feet below grade surface (bgs). Groundwater is expected to flow to the northeast consistent with the regional trend.

### 2.3.4 Radon Risk

Radon is a colorless, radioactive, inert gas formed by the decay of radium and may be present in soils and rocks containing granite, shale, phosphate and pitchblende. The USEPA's Map of Radon Zones for New York State, September 1993, indicates that the Brooklyn area is not a radon risk area. The EDR report provides information from the New York State Department of Health (NYSDOH) radon survey which indicates that 51 radon tests have been conducted in Kings County. Test results indicate average radon concentrations of 0.750 pCi/L (first floor level) and 1.370 pCi/L (basements). Data indicate that approximately two percent of basements tested showed results in excess of the 4.0 pCi/L USEPA action level. Based on these data, radon does not likely represent an environmental concern.

### 3.0 PROPERTY USAGE

#### 3.1 Current Property Usage

The Site is developed with two (2) single-story commercial buildings. Lot 28 contains a basement within the entire footprint of the existing building. The buildings on both lots are currently vacant. A parking area is noted for the Site on Lot 28 and topography was noted to be generally level.

A review of New York City Department of Buildings (NYCDOB) records and the NYC Department of City Planning Zoning map indicates that the Site is zoned commercial; C4-4L (**Figure 5**), and has been since at least October 2012.

#### 3.2 Current Usage of Adjoining/Surrounding Properties

A summary of the uses of the surrounding/adjacent properties is described below. Photos of the exterior of adjacent properties are attached in **Appendix A**.

#### Surrounding Property Usage

Direction	Property Description
<b>North</b>	Residential Multi-family walk up (190 Conselyea Street), Residential 1 & 2 Family Building (192 Conselyea Street), Auto Repair Shop (382 Humboldt Street), Parking (188 Conselyea Street).
<b>South</b>	Mixed Residential & Commercial (365 Humboldt Street), Residential Multi-family walk up (778 Metropolitan Avenue), Residential Multi-family walk up (774 Metropolitan Avenue), Residential Multi-family walk up (772 Metropolitan Avenue).
<b>East</b>	Mixed Residential & Commercial (1 Maspeth Avenue).
<b>West</b>	Residential 1 & 2 Family Building (769 Metropolitan Avenue).

#### 3.3 Historical Usage of Site and Surrounding Properties

Historical sources researched to determine past usage of the Site and surrounding properties are as follows:

**Sanborn Fire Insurance Maps** - Sanborn fire insurance maps for the Site and surrounding area were reviewed for the years 1888, 1908, 1932, 1951, 1962, 1965, 1976, 1978, 1979, 1980, 1982, 1987, 1988, 1991, 1992, 1993, 1995, 2001, 2002, 2003, 2004, 2005, 2006 and 2007. The review is summarized in Section 3.3.1. Copies of Sanborn maps are included as **Appendix C**.

**City Directory Abstract** - A directory of historical telephone listings at the Site and surrounding properties were reviewed from approximately five year intervals for the years 1928 through 2013. The review is summarized in Sections 3.3.2 below. A copy of the City Directory is included in **Appendix D**.

### 3.3.1 Sanborn Fire Insurance Maps - Site and Adjacent Properties

The historical usage of the Site and adjacent properties, identified through Sanborn map review, is summarized below:

#### 1887

---

##### Subject Site:

The Site is developed with three (3) two-story dwellings, two (2) one-story carpentry buildings, one (1) one-story stable, one (1) story wagon building, and two (2) one-story stores.

##### Adjacent properties:

Metropolitan Avenue borders the Site to the south, beyond which appears to be developed with two (2) two-story store fronts, a two-story stable, two (2) two-story dwellings, and a three-story dwelling each of which occupy the front half of the lots. The property adjacent to the north appears to be developed with a wagon house, a one-story store front, a three-story dwelling, and a two-story stable. The property to the west appears to be a two-story store front with a one-story adjoining structure along the rear. The property to the east is not visible on this Sanborn map.

#### 1888

---

##### Subject Site:

The Site is not visible on this Sanborn map.

##### Adjacent properties:

The northern, southern, and western adjacent properties are not visible on this Sanborn map. The property to the east is developed as a three-story bakery and three (3) two-story dwellings.

#### 1905

---

##### Subject Site:

The Site has redeveloped the two dwellings to the west side of the site; a junkyard and a one-story building occupied by a stable and an office. The other dwellings were developed with a two-story store front. The northeast corner of the Site was redeveloped as a rags building but remained in the same configuration as previously noted in the 1887 Sanborn map.

Adjacent properties:

Metropolitan Avenue borders the Site to the south, beyond which is developed with two and three-story dwellings, two (2) three-story store fronts, a one-story store front. The properties to the north and west remain unchanged from 1887 Sanborn map. The property to the east is not visible in this Sanborn map.

**1907**

---

Subject Site:

The Site is not visible in this Sanborn map.

Adjacent properties:

The properties to the north, south, and west are not visible in this Sanborn map. The dwellings to the east beyond Humboldt Street remain the same from 1888 Sanborn.

**1916**

---

Subject Site:

The Site is occupied by a rags and paper stock operation, wagon shed, and a stable. In the northeast corner of the Site the carpentry building is utilized as a junkyard.

Adjacent properties:

The properties adjacent to the north, south, and west remain consistent with the 1905 Sanborn maps. The property to the east beyond Humboldt Street is not visible in this Sanborn map.

**1933**

---

Subject Site:

The Site is not visible in this Sanborn map.

Adjacent properties:

The properties adjacent to the north, south and west are not visible in this Sanborn map. The property adjacent to the east, beyond Humboldt Street, is developed with an auto garage and store front.

**1942**

---

Subject Site:

The east side of the Site is now a pipe yard with two (2) one-story buildings and a one-story garage. The northeast corner is developed with an auto repair shop.

Adjacent properties:

The properties adjacent to the south and west remain consistent with the 1905 Sanborn map. The properties to the north have added an auto repair shop in place of the wagon shop, and auto garage, and also two of the store fronts have become one larger store. The property to the east beyond Humboldt Street is not visible on this Sanborn map.

**1951**

---

Subject Site:

The Site has redeveloped the auto garage on site as an iron pipe shop. The western side of the Site has been redeveloped for rags and paper stock in a one-story building covering the entire lot.

Adjacent properties:

The properties to the south beyond Metropolitan Avenue, have redeveloped the three-story dwelling as a two-story dwelling. The other store fronts have remained the same. The property to the west remained consistent with the 1905 Sanborn map. The properties to the north have remained consistent with the 1942 Sanborn map. The properties to the east beyond Humboldt Street, have remained consistent with the 1933 Sanborn map.

**1965**

---

Subject Site:

The Site has remained consistent with 1951 Sanborn map.

Adjacent Site:

The properties to the west and to the south beyond Metropolitan Avenue, have remained consistent with the 1951 Sanborn map. The north property to the northwest has been bought by the waste paper factory on Site and was developed with a single-story building. Two of the dwellings to the east beyond Humboldt Street, have become vacant lots. The store, third dwelling, and auto garage remain.

## ***1968, 1977***

---

### ***Subject Site:***

The Site is not visible on this Sanborn map.

### ***Adjacent Site:***

The properties to the south beyond Metropolitan Avenue, west, and north are not visible on this Sanborn map. The properties to the east beyond Humboldt Street have remained consistent with the 1965 Sanborn map.

## ***1978***

---

### ***Subject Site:***

The Site has remained consistent with the 1965 Sanborn map.

### ***Adjacent properties:***

The properties to the south beyond Metropolitan Avenue and to the west have remained consistent with 1951 Sanborn map. The property to the north has remained consistent with the 1965 Sanborn map. The property to the east beyond Humboldt Street is not visible in this Sanborn map.

## ***1979, 1980***

---

### ***Subject Site:***

The Site has remained consistent with the 1978 Sanborn map.

### ***Adjacent properties:***

The adjacent properties to the north, west, south beyond Metropolitan Avenue, and east beyond Humboldt Street, have remained consistent with 1978 Sanborn map.

## ***1981***

---

### ***Subject Site:***

The Site has remained consistent with 1980 Sanborn map.

### ***Adjacent properties:***

The properties to the north have changed stores to commercial buildings using the existing buildings. The store is also redeveloped as a residential building. The properties to the west, to the south beyond Metropolitan Avenue, and to the east beyond Humboldt Street, have remained consistent with the 1980 Sanborn map.

***1982, 1983, 1986, 1987, 1988***

---

***Subject Site:***

The Site has remained consistent with the 1981 Sanborn map.

***Adjacent properties:***

The adjacent properties to the north, west, south beyond Metropolitan Avenue, and east beyond Humboldt Street, have remained consistent with 1981 Sanborn map.

***1989***

---

***Subject Site:***

The eastern lot of the Site is developed with one (1) single-story commercial building in the middle of the lot.

***Adjacent Site:***

The adjacent properties to the north, west, south beyond Metropolitan Avenue, and east beyond Humboldt Street, have remained consistent with 1988 Sanborn map.

***1990, 1991, 1993, 1994***

---

***Subject Site:***

The Site has remained consistent with the 1989 Sanborn map.

***Adjacent properties:***

The adjacent properties to the north, west, south beyond Metropolitan Avenue, and east beyond Humboldt Street, have remained consistent with 1988 Sanborn map.

***1995***

---

***Subject Site:***

The Site has remained consistent with 1994 Sanborn map.

Adjacent properties:

The properties to the north have redeveloped the remaining store fronts as three-story residential building and the other as a Church. The properties to the west, to the east beyond Humboldt Street, and to the south beyond Metropolitan Avenue have remained consistent with the 1994 Sanborn map.

1996, 2001, 2002, 2003, 2004, 2005, 2006, 2007

---

Subject Site:

The Site has remained consistent with 1995 Sanborn map.

Adjacent Site:

The adjacent properties to the north, west, south beyond Metropolitan Avenue, and east beyond Humboldt Street, have remained consistent with 1988 Sanborn map.

The historical occupancy of the Site by a portion of an auto repair shop on the Site in the northeast corner from 1942 to present and junkyards along the western side and northeastern side of the Site from 1905 to 1942, represents a significant environmental concern and has been discussed in greater detail in other sections of the report.

3.3.2 *City Directory Listings*

EDR conducted a search and provided copies of available historical city directory listings for the subject and adjacent properties. The historical city directory listings (**Appendix D**) were reviewed, to identify information regarding past uses of the subject and surrounding properties to determine if historical usage represented a REC to the subject property.

Historical city directory information is summarized as follows:

Date	Property Information
1928	<b>Subject Property:</b> Address not identified in research source <b>Adjacent Properties:</b> PLOMITALLO ANTONIO R (772 Metropolitan Avenue),

1934	<b>Subject Property:</b> Address not identified in research source <b>Adjacent Properties:</b> Address not identified in research source
1940	<b>Subject Property:</b> Severino Bros papr (771 Metropolitan Avenue), Globe Pipe & Fitting Co (785 Metropolitan Avenue) <b>Adjacent Properties:</b> Spiezios Grill Inc (769 Metropolitan Avenue)
1945	<b>Subject Property:</b> Serverino Bros papr (771 Metropolitan Avenue) <b>Adjacent Properties:</b> Spizios Grill Inc (769 Metropolitan Avenue)
1949	<b>Subject Property:</b> Metropolitan Valve Supl Co (785 Metropolitan Avenue) <b>Adjacent Properties:</b> Spiezios Grill Inc (769 Metropolitan Avenue), Rastelli Marty, Risi Nunzio (778 Metropolitan Avenue)
1960	<b>Subject Property:</b> Casella Bros papr stk, CASELLA BROS PAPER STK (771 Metropolitan Avenue), GLOBE PIPE & FITTING CO (785 Metropolitan Avenue) <b>Adjacent Properties:</b> CLUB BAR GRILL (769 Metropolitan Avenue), Taratino Frank M, Grilletto Carlo, Del Vicario Rose, TARATINO FRANK M, GRILLETTO CARLO, DEL VICARIO ROSE (772 Metropolitan Avenue), Flario Andrew, Memoli Jerry P, Villani Giuseppe, VILLANI GUISEPPE, MEMOLI JERRY P, FLARIO ANDREW (774 Metropolitan Avenue), De Sena Dominick, Palasco Mary Ann T, Bilella John, DE SENA DOMINICK, PALASCO MARY ANN T, BILELLA JOHN (Metropolitan Avenue),
1965	<b>Subject Property:</b> Casella Bros papr stk (771 Metropolitan Avenue), Globe Pipe & Fitting Co Inc (785 Metropolitan Avenue) <b>Adjacent Properties:</b> Jay Vee Lounge Inc, Hernandez Oscar (769 Metropolitan Avenue), Grilletto Carlo, Del Vicario Rose (772 Metropolitan Avenue), Rufrano Jos C, Licciardo Anna, Memoli Jerry P (774 Metropolitan Avenue), Palasco Mary Ann T, Folan Robt, De Sena Dominick (778 Metropolitan Avenue)
1970	<b>Subject Property:</b> Casella Bros papr stk (771 Metropolitan Avenue), Globe Pipe & Fitting Co Inc (785 Metropolitan Avenue) <b>Adjacent Properties:</b> Montana Philip J (192 Conselyea Street), Jay Vee Lounge Inc, Hernandez Oscar (769 Metropolitan Avenue), Grilletto Carlo (772 Metropolitan Avenue), Memoli Jerry P, Rufrano Jos C, Licciardo Anna (774 Metropolitan Avenue), Folan Robt, Decaminada Jos P (778 Metropolitan Avenue)
1973	<b>Subject Property:</b> Casella Bros papr stk (771 Metropolitan Avenue), Globe Pipe & Fitting Co Inc (785 Metropolitan Avenue) <b>Adjacent Properties:</b> Jay Vee Lounge Inc, JV Lounge (769 Metropolitan Avenue), Del Vicario Rose (772 Metropolitan Avenue), Rufrano Jos C, Licciardo Anna (774 Metropolitan Avenue)
1976	<b>Subject Property:</b> CASELLA BROS PAPER STK (771 Metropolitan Avenue), GLOBE PIPE & FITTING CO (785 Metropolitan Avenue) <b>Adjacent Properties:</b> JAY VEE LOUNGE INC, DIAZ DANIEL (769 Metropolitan Avenue), BRICKNER M UMBRIS, DEL VACARIO ROSE (772 Metropolitan Avenue), RUFRANO JOS C, RUFRANO R M, MEMOLI JERRY P (774 Metropolitan Avenue), PICONE JAS (778 Metropolitan Avenue)
1980	<b>Subject Property:</b> Address not identified in research source <b>Adjacent Properties:</b> Address not identified in research source
1985	<b>Subject Property:</b> CASELLA BROS PAPER STK (771 Metropolitan Avenue), GLOBE PIPE & FITTING CO INC (785 Metropolitan Avenue) <b>Adjacent Properties:</b> CANALINI LEONARD G (769 Metropolitan Avenue), TALAP SADIE, VITALE M (772 Metropolitan Avenue), BROWN R M, RUFRANO JOS C, MEMOLI JERRY P (774 Metropolitan Avenue),
1992	<b>Subject Property:</b> KESSLER L & CO INC (771 Metropolitan Avenue) <b>Adjacent Properties:</b> CANALINI LEONARD G (769 Metropolitan Avenue), FALSETTA JAMES, TALAP SADIE (772 Metropolitan Avenue), MEMOLI JERRY P, RUFRANO JOS C (774 Metropolitan Avenue), YANNATOS DION, STABILE JOSEPH (Metropolitan Avenue)

1997	<b>Subject Property:</b> Kessler L & Co Inc (771 Metropolitan Avenue) <b>Adjacent Properties:</b> CHESNAVAGE T (192 Conselyea Street), Jacqueline MCMANN (769 Metropolitan Avenue), RUFRAÑO Carmen, CRANE Dawn (772 Metropolitan Avenue), MEMOLI Jerry P, RUFRAÑO Jos C (774 Metropolitan Avenue), JANGTEY Tenzin, CORREIA David L, STABILE Joseph (778 Metropolitan Avenue)
2000	<b>Subject Property:</b> KESSLER L & CO INC (771 Metropolitan Avenue) <b>Adjacent Properties:</b> T CHESNAVAGE (192 Conselyea Street), PATRICK HOGAN (769 Metropolitan Avenue), APARTMENTS, 2 JERRY P MEMOLI, JOSEPH C RUFRAÑO (774 Metropolitan Avenue), JIGME DADUL, S TSOMO, TSERING D LAMA (778 Metropolitan Avenue)
2005	<b>Subject Property:</b> LKessler&Co (771 Metropolitan Avenue) <b>Adjacent Properties:</b> h Montana P, h Torre Rosina AV (192 Conselyea Street), Anolfo LAAO (769 Metropolitan Avenue), Rufrano C (772 Metropolitan Avenue), h Memoli Jerry P, Martin Isabel, Sarandon Alexis (774 Metropolitan Avenue), h Korber Jill v 0 oo (778 Metropolitan Avenue)
2008	<b>Subject Property:</b> WHITE CASTLE INC (781 Metropolitan Avenue) <b>Adjacent Properties:</b> Addresses not identified in research source
2013	<b>Subject Property:</b> ATLANTIS BASEMENT INC (771 Metropolitan Avenue) <b>Adjacent Properties:</b> GEEZERS THE (769 Metropolitan Avenue)

Information regarding additional surrounding properties identified on the City Directory search is included with the search in **Appendix D**. The city directory indicated that lot 35 (771 Metropolitan Avenue) was occupied by a paper company from 1940 to 1985 and a clothing company from 1992 to 2005. Lot 28 was occupied by a pipe fitting company from 1940 to 1985 and later a White Castle from 2008 to 2013.

### 3.3.3 Aerial Photographs

EBC reviewed aerial photographs for the following years; 1924, 1951, 1954, 1961, 1966, 1974, 1984, 1994, 2006, 2009 and 2011 from EDR. From 1924 to 1984 the Site appears to be developed with several commercial structures, however due to the quality of the aerial photographs EBC is not able to determine the exact amount of structures. From 1994 to 2011, the Site appears to be developed as it is today with two commercial structures. Historical aerial photographs are included in Appendix F.

### 3.3.4 Historical Topographic Maps

#### 1900, 1924; Scale 1"=62500

##### Subject Site:

The Site is not visible on this topographic map.

##### Adjacent properties:

The adjacent properties are not visible on this topographic map.

***1947; Scale 1"=25000***

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***Subject Site:***

The Site is not visible on this topographic map.

***Adjacent properties:***

The adjacent properties are not visible on this topographic map.

***1956, 1967, 1979, 1995; Scale 1"=24000***

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***Subject Site:***

The Site is not visible on this topographic map.

***Adjacent properties:***

The adjacent properties are not visible on this topographic map.

Historical topographic maps are included in Appendix G.

### **3.4 Site History Summary**

EBC was able to establish a history for the property dating back to 1887. In 1887, the Site was developed with eight (8) buildings with mixed use. In 1942, the original buildings had been redeveloped into a pipe yard owned by Globe Pipe & Fitting Co on the eastern lot. The western lot had been redeveloped into the waste paper building owned by Casella Bros papr stk. In 1985, the Site is developed in the current configuration of two (2) single story commercial building. The pipe fitting company used the eastern lot until 2007 and the waste paper company used the eastern lot until 2007 as well. Buildings on Site are currently vacant.

## **4.0 USER PROVIDED INFORMATION**

### **4.1 Title Records**

As of the date of this report the user has not requested that EBC perform a title search.

### **4.2 Environmental Liens**

An environmental lien is a charge, security or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup or other remediation of hazardous substances or petroleum products upon a property, including, but not limited to, liens imposed pursuant to CERCLA 42 USC § 9607 (1) & 9607(r) and similar state and local laws.

An Environmental Lien Search was not requested.

### **4.3 Specialized Knowledge**

The user has not made EBC aware of any specialized knowledge regarding the chemicals or processes formerly in use at the Site or surrounding property.

### **4.4 Commonly Known or Reasonably Ascertainable Information**

The user has not made EBC aware of any commonly known or reasonably ascertainable information regarding the past uses of the Site, specific chemicals in use at the Site or any spills, chemical releases or environmental cleanups at the Site.

### **4.5 Valuation Reduction for Environmental Issues**

The user has not made EBC aware of any valuation reduction regarding the sale price of the property.

### **4.6 Owner, Property Manager and Occupant Information**

According to New York City Department of Finance records, the current owner of the site is identified as 771 and 781 Metro Investors LLC.

### **4.7 Reason for Performing Phase I ESA**

The Phase I ESA was performed to identify recognized environmental conditions at the Site as part of the due diligence to support the acquisition of the property by Adam American Real Estate.

## 5.0 RECORDS REVIEW

### 5.1 Standard Environmental Record Sources

Environmental Data Resources (EDR) of Southport, Connecticut was retained to provide a computerized database search of the project area within an ASTM-standard radius of the Site. A list of the databases searched and the search radius is shown on the summary table below. EBC reviewed the database output to determine if the property appears on any of the regulatory agency lists. Detailed information concerning each database list is provided in the EDR report (**Appendix E**). A summary of standard environmental record sources researched is as follows:

#### 5.1.1 Federal Databases

The table below summarizes the Federal databases that were searched.

**Federal Databases Searched**

Agency	Listing Name or Database Searched	Abbreviation	Search Distance
USEPA	National Priority List	NPL	1.0 mile
USEPA	National Priority List Deletions	Delisted NPL	1.0 mile
USEPA	Comprehensive Environmental Response Compensation and Liability Act Registry	CERCLIS	0.5 mile
USEPA	CERCLIS No Further Remedial Action Planned	CERCLIS-NFRAP	0.5 mile
USEPA	Resource Conservation and Recovery Act Corrective Action Activity	CORRACTS	1.0 mile
USEPA	Resource Conservation and Recovery Act Treatment/Storage/Disposal Facilities	RCRA TSD	0.5 mile
USEPA	Resource Conservation and Recovery Act Small/Large Quantity Hazardous Waste Generators	RCRA SQG/LQG	Site and Adjoining
USEPA	Federal Institutional/Engineering Control registries	US INST/ENG Controls	Site
USEPA	Emergency Response Notification System	ERNS	Site
USEPA	Superfund (CERCLA) Consent Decrees	CONSENT	1.0 mile
USEPA	Records of Decision	ROD	1.0 mile
USEPA	Mines Master Index	MINES	0.25 mile

**Federal NPL List** - The National Priority List (NPL) is the United States Environmental Protection Agency (USEPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the federal Superfund Program.

*Findings:* The Site is not listed as an NPL facility. No NPL sites were identified within a 1-mile radius of the Site.

**Federal Delisted NPL List** – NPL Delisted Sites are former NPL sites that have been remediated and removed from the USEPA’s priority list. Sites are deleted where the USEPA has determined that no further response is appropriate.

*Findings:* The Site is not identified as a Delisted NPL facility. No NPL sites were identified within a one-mile radius of the Site.

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

*Findings:* The Site is not listed as a CERCLIS facility. No CERCLIS sites were listed within a half-mile radius of the Site.

**Federal CERCLIS-NFRAP List** – No Further Remedial Action Planned (NFRAP) sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of USEPA’s knowledge, assessment at a site has been completed and that USEPA has determined no further steps will be taken to list this site on the National Priorities List (NPL).

*Findings:* The Site is not listed as a CERCLIS-NFRAP facility. One (1) CERCLIS-NFRAP site was identified within a half mile radius of the Site. This site is located in excess of ¼ mile from the Site. Based on the relative distance, this site is not expected to represent a significant environmental concern.

**Federal RCRA CORRACTS List** - The RCRA Corrective Actions (CORRACTS) database is the USEPA’s list of hazardous waste treatment, storage or disposal facilities subject to corrective action under RCRA.

*Findings:* The Site is not listed as a RCRA CORRACTS facility. No RCRA CORRACTS site were identified within a one mile radius of the Site.

**Federal RCRA Treatment, Storage and Disposal Facilities** - The USEPA Resource Conservation and Recovery Act (RCRA) program identifies reporting facilities that treat, store or dispose of hazardous waste.



*Findings:* The Site is not listed as a RCRA TSDf and no TSDFs were identified within a ½ mile radius of the Site.

**Federal RCRA Generators** - The RCRA Generators database is a compilation of reporting facilities that generate hazardous waste. A LQG is a site which generates more than 1,000 kilograms (kg) of hazardous waste during any one calendar month and can store waste on-site for up to 90 days. A SQG is a site which generates more than 100 and less than 1,000 kg of hazardous waste during any one calendar month and accumulates less than 6,000 kg of hazardous waste at any time; or a site which generates less than 100 kg of hazardous waste during any one calendar month and accumulates less than 1,000 kg of hazardous waste at any time. A CESQG is a site which generates less than 100 kg of hazardous waste or less than one kg of acutely hazardous waste during any one calendar month. A NonGen site is a former registered/regulated generator which does not presently generate hazardous waste.

*Findings:* The Site is not listed as a RCRA LQG, RCRA SQG, RCRA-CESQG or RCRA Non Gen site. Two (2) RCRA LQG, two (2) RCRA-SQG, two (2) RCRA-CESQG and eleven (11) RCRA NonGen facilities were identified within a 1/4 mile radius of the Site. No adjacent sites were identified. All of these sites are located in excess of 1/8-mile from the Site. According to the EDR database, no violations are listed or corrective action has been taken for any of the remaining sites. Based on this information, these sites are not expected to represent a significant environmental concern.

**Federal Institutional/Engineering Controls** – Federal Institutional/Engineering Controls databases list sites with institutional/engineering controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

*Findings:* No Federal Institutional/Engineering Controls were listed for the Site and no sites were identified within a ½ mile radius of the Site.

**Federal Emergency Response Notification System** - The Emergency Response Notification System (ERNS) is national database used collect information on reported releases of oil or hazardous substances.

*Findings:* Neither Site nor the adjacent properties were identified in the ERNS databases.

**Federal Superfund Consent Decrees** - The Superfund Consent Decrees (CONSENT) list identifies major legal settlements that establish responsibility and standards for cleanup at NPL sites.

*Findings:* The Site was not identified in the CONSENT database. No sites within a one mile of the Site were identified in the CONSENT database.

**Federal Records of Decision** - Record of Decision (ROD) documents mandate a permanent remedy at an NPL site containing technical and health information to aid in the cleanup.

*Findings:* The Site was not identified as a ROD site. No sites within a one mile of the Site were identified in the ROD database.

**Federal Master Mines Index** - The Master Mines Index (MINES) file contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

*Findings:* Neither the Site nor any property within ¼ mile of the Site is listed in the MINES database.

#### 5.1.2 New York State Databases

The table below summarizes the State databases that were searched.

#### New York State Databases Searched

Agency	Listing Name or Database Searched	Abbreviation	Search Distance
NYSDEC	Inactive Hazardous Waste Disposal Sites in New York State	SHWS	1.0 mile
NYSDEC	Solid Waste Facility Register	SWF	0.5 mile
NYSDEC	Registered Recycling Facilities	SWRCY	0.5 mile
NYSDEC	Registered Waste Tire Storage Facilities	SWTIRE	0.5 mile
NYSDEC	Leaking Underground Storage Tank Sites	LTANKS	0.5 mile
NYSDEC	Petroleum Bulk Storage (PBS)	UST/AST	Site and Adjoining

Agency	Listing Name or Database Searched	Abbreviation	Search Distance
NYSDEC	Chemical Bulk Storage (CBS)	CBS AST/UST	Site and Adjoining
NYSDEC	Institutional/Engineering Control registries	INST/ENG Controls	Site
NYSDEC	Voluntary Cleanup Agreements	VCP	0.5 mile
NYSDEC	Brownfield sites	Brownfields	0.5 mile
NYSDEC	Major Oil Storage Facilities	MOSF	0.5 mile
NYSDEC	New York State Spills	NYSPILLS	0.125 mile
NYSDEC	Dry Cleaner Site	Drycleaners	0.25 mile

**NYS Inactive Hazardous Waste Disposal Sites** - The New York State Department of Environmental Conservation (NYSDEC) maintains a state priority list of Inactive Hazardous Waste Disposal Sites (SHWS) considered to be actually or potentially contaminated and presenting a possible threat to human health and the environment. Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance/waste sites.

*Findings:* The Site is not listed as a SHWS site. Thirteen (13) SHWS facilities were identified within a one mile radius of the Site. No adjacent sites were identified. All of these sites are located in excess of ¼-mile from the Site. Based on the relative distance, these sites are not expected to represent a significant environmental concern.

**NY Vapor Reopened** – This is a database listing of previously dismissed/closed sites that are being re-evaluated with current knowledge of the potential for soil vapor intrusion.

*Findings:* The Site is not listed as a NY VAPOR REOPENED site. No NY VAPOR REOPENED facilities were identified within a one mile radius of the Site.

**Hazardous Substance Waste Disposal Sites** - The Hazardous Substance Waste Disposal Sites (HSWDS) list includes any known or suspected hazardous substance waste disposal sites. Also included are sites de-listed from the Registry of Inactive Hazardous Waste Disposal Sites list and non-Registry sites that USEPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared.

*Findings:* The Site is not listed on the HSWDS database. Two (2) HSWDS sites were identified within a half- radius of the Site. These sites are located in excess of ¼-mile from the Site. Based on the relative distance, these sites are not expected to represent a significant environmental concern.

**NYS Landfill** - The NYSDEC Solid Waste Facility Register records contain an inventory of solid waste disposal facilities or landfills in New York State.

*Findings:* The Site is not listed as a landfill. Five (5) NYS Landfill sites were identified within a half mile radius of the Site. No adjacent properties were identified. All of these sites are located in excess of ¼-mile from the Site. Based on the relative distance, these sites are not expected to represent a significant environmental concern.

**NYS Registered Recycling Facilities** - The Registered Recycling Facilities List (SWRCY) is a NYSDEC list of recycling facilities.

*Findings:* The Site was not listed as a SWRCY site. No SWRCY sites were identified within a ½ mile radius of the Site.

**NYS Registered Waste Tire Storage Facilities** - The Registered Recycling Facilities List (SWTIRE) is a NYSDEC list of Registered Waste Tire Storage & Facility List.

*Findings:* The Site is not listed as a SWTIRE site. There were no SWTIRE sites identified within a ½ mile radius of the Site.

**NYS Leaking Underground Storage Tank Sites** - The Leaking Underground Storage Tank Sites (LTANKS) database contains a NYSDEC inventory of reported leaking storage tank incidents. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

*Findings:* The Site was not identified as a LTANKS site. Thirty two (32) LTANK sites were identified within ½ mile of the Site. No adjacent sites were identified. Two (2) open listings were identified. Based on the nature of material released (heating oil) and the relative distance from the Site, these releases are not expected to represent a significant environmental

concern. The remaining sites have received closure from the NYSDEC. Based on this information, these LTANK sites are not expected to present a significant environmental concern to the Site.

**NYS Petroleum Bulk Storage** - The NYSDEC Petroleum Bulk Storage - Underground Tanks (UST) database lists facilities with a petroleum storage capacity of more than 1,100 gallons and less than 400,000 gallons. The NYSDEC Petroleum Bulk Storage - Aboveground Tanks (AST) database lists facilities with registered above ground storage tanks.

*Findings:* The Site is not listed as a UST site, AST site, Hist UST site, TANKS site or a Hist AST site. Ten (10) UST sites, no TANKS site, three (3) HIST UST sites and sixteen (16) AST sites are registered within a ¼ mile radius of the Site. No adjacent sites were identified. Properties with registered ASTs or USTs do not necessarily pose a hazard unless the tanks are leaking or a spill occurs. Most tanks in the area hold home heating oil for on-site boilers and furnaces. Sites with leaking tanks or spills are addressed in the appropriate section.

**NYS Chemical Bulk Storage** - The Chemical Bulk Storage (CBS) database is a NYSDEC list of facilities that store regulated hazardous substances in aboveground tanks (AST) with capacities of 185 gallons or greater or underground tanks (UST) of any size.

*Findings:* The Site is not identified as a CBS facility. One (1) CBS UST site, no CBS AST sites and one (1) CBS facility were identified within a ¼ mile radius of the Site. These sites are not located adjacent to the Site. Properties with registered ASTs or USTs do not necessarily pose a hazard unless the tanks are leaking or a spill occurs. Most tanks in the area hold home heating oil for on-site boilers and furnaces. Sites with leaking tanks or spills are addressed in the appropriate section.

**NYS Institutional/Engineering Controls** – NYSDEC list of Environmental Remediation sites with Institutional or Engineering Controls in place.

*Findings:* The Site is not identified in the NYSDEC Institutional/Engineering Controls databases. No sites within a ½ mile of the Site were identified in the NYSDEC Institutional/Engineering Controls databases.

**NYS Voluntary Cleanup Agreements** - The NYSDEC Voluntary Cleanup Program (VCP) database identifies hazardous waste sites undergoing private sector cleanup as part of redevelopment.

*Findings:* The Site was not identified as a VCP site. No VCP sites were identified within a one-half mile radius of the subject property.

**NYS Brownfields** - A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

*Findings:* The Site was not identified as a NYS Brownfield site and is discussed in detail below. Four (4) Brownfield sites are located within ½ mile radius of the Site. None of these sites are located adjacent to the Site and are located in excess of 1/8-mile from the Site. Based on the relative distance, these sites are not expected to represent a significant environmental concern.

**NYS Major Oil Storage Facilities** - The NYSDEC Major Oil Storage Facilities (MOSF) database lists facilities or vessels with a petroleum storage capacity of more than 400,000 gallons.

*Findings:* The Site was not identified as an MOSF site. No MOSF UST sites, no MOSF AST sites and no MOSF facilities was identified within ½ mile of the Site.

**NYS Spills** - The New York State Spills Information Database (NY SPILLS) contains data collected on chemical and petroleum spill incidents reported to NYSDEC since April 1, 1986.

*Findings:* The Site is not listed as a NY SPILLS site. Seventeen spill sites were identified within 1/8 mile of the Site. One (1) adjacent site was identified and is further discussed in detail below:

Shell Oil, located at 2 Bushwick Avenue is approximately 191 feet east (hydraulically cross-gradient) from the Site. According to the regulatory database, a release occurred on January 1, 1999. A responsible party was identified. MTBE contamination was noted within groundwater wells on site. Groundwater monitoring is currently being performed. Based on the relative distance and inferred direction of groundwater flow, this site is not expected to represent a significant environmental concern.

The remaining sites have received closure from the NYS DEC. Based on the current regulatory status, these sites are not expected to represent a significant environmental concern.

**FUDS:** The listing includes locations of formerly used defense sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

*Findings:* The Site is not listed as a FUDS site. No FUDS sites were identified within a one mile radius of the Site.

**MANIFEST:** Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSDF.

*Findings:* The Site is not listed as a MANIFEST site. Twenty-four (24) manifest sites were identified within a ¼ mile radius of the Site. No adjacent sites were identified. Information provided within the EDR report indicates that there are no listed violations or that corrective action has been taken to address the violations listed for these sites. Therefore, it is unlikely that these facilities present a significant environmental risk to the Site, and they are not considered RECs.

**Drycleaner Sites** - The NYSDEC maintains a listing of all registered drycleaners. Drycleaner sites do not necessarily pose a hazard unless a spill occurs. Sites at which spills have been identified are addressed in the appropriate section.

*Findings:* The Site is not identified as drycleaner. Five (5) Drycleaner sites were identified within ¼ mile of the site. These sites are not located adjacent to the Site and information provided within the EDR report indicates that there are no listed violations listed for these site. Based on the relative distance and current regulatory status, it is unlikely that these site presents a significant environmental risk to the Site, and is not considered as a REC.

**NYS Manufactured Gas Plants** - Manufactured gas plants (MGP) were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar, sludges, oils and other

compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

*Findings:* The Site is not identified as an MGP site. Four (4) MGP sites were identified within a one-mile radius of the Site. These sites are not located adjacent to the Site and information provided within the EDR report indicates that there are no listed violations or that corrective action has been taken to address the violations listed for these sites. Based on the relative distance and current regulatory status, it is unlikely that these sites present a significant environmental risk to the Site, and that they are not considered RECs.

**E Designation** - The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designation also includes a mandatory construction-related health and safety plan which must be approved by NYCDEP.

*Findings:* The Site is was identified as an E Designation site and twenty-four E Designation sites were identified within 1/8-mile of the Site and are further discussed below.

Lot 34, Tax Block 2760, 771 Metropolitan Avenue, the Site was identified as an E Designation Site (E-232). According to the regulatory database, this Site has a Window Wall Attenuation & Alternate Ventilation E designation. The owner is identified as Metyea LLC and the effective date is listed as July 29, 2009. This listing is further discussed in Section 5.2.6.

Lot 35, Tax Block 2760, 771 Metropolitan Avenue,, the Site was identified as a E Designation Site (E-232). According to the regulatory database, this Site has a Hazardous Materials E designation. The owner is not identified and the effective date is listed as July 29, 2009. This listing is further discussed in Section 5.2.6.

Lot 28, Tax Block 2760, 851 Metropolitan Avenue, the Site was identified as an E Designation Site (E-232). According to the regulatory database, this Site has an Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water E designation, an Exhaust stack location limitations E designation, Window Wall Attenuation & Alternate Ventilation E designation, and a Hazardous Materials Phase I and Phase II Testing Protocol E designation. The owner is identified as Hudson Realty SVCS/IN and the effective date is listed as July 29, 2009. This listing is further discussed in Section 5.2.6.

Lot 19, Tax Block 2765, 778 Metropolitan Avenue is located adjacent to the south across Metropolitan Avenue (hydraulically up-gradient) from the Site. According to the regulatory database this site is listed as a E Designation site for Window Wall Attenuation & Alternate Ventilation. The owner is listed as Salvatore Borrelli and the effective date is July 29, 2009.

Lot 18, Tax Block 2765, 774 Metropolitan Avenue is located adjacent to the south across Metropolitan Avenue (hydraulically up-gradient) from the Site. According to the regulatory database this site is listed as a E Designation site for Window Wall Attenuation & Alternate Ventilation. The owner is listed as 774 Metropolitan Realty and the effective date is July 29, 2009. No violations were listed in connection with this site and therefore this site is not expected to represent a significant environmental concern.

Lot 17, Tax Block 2765, 772 Metropolitan Avenue is located to the south across Metropolitan Avenue (hydraulically up-gradient) from the Site. According to the regulatory database this site is listed as a E Designation site for Window Wall Attenuation & Alternate Ventilation. The owner is listed as Ralph Rufrano and the effective date is July 29, 2009. No violations were listed in connection with this site and therefore this site is not expected to represent a significant environmental concern.

Lot 36, Tax Block 2760, 769 Metropolitan Avenue is located adjacent to the west (hydraulically cross-gradient) from the Site. According to the regulatory database this site is listed as a E Designation site for Hazardous Materials and Window Wall Attenuation & Alternate Ventilation. The owner is listed as Sabrina Canalini and the effective date is July

29, 2009. No violations were listed in connection with this site and therefore this site is not expected to represent a significant environmental concern.

The remaining sites are not located adjacent to the Site. Based on the relative distance the remaining E Designation site are not expected to represent a significant environmental concern. No violations were listed in connection with this site and therefore this site is not expected to represent a significant environmental concern.

**EDR Historical Auto Stations** - EDR has searched selected national collections of business directories and has collected listings of potential gas station/ filling station/ service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/ filling station/ service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station etc.

*Findings:* The Site was not identified as an EDR Historical Auto Station site. Nineteen sites were identified within ¼ mile of the Site. One (1) of these sites is located adjacent to the Site and is further discussed below:

383 Humboldt Street, which is now part of 385 Humboldt Street, is located adjacent to the north (hydraulically cross to down-gradient) of the Site. According to the database, this site was occupied by Nguyen Auto Shop from 2003 to 2005 and Wing Auto Shop from 2006 to 2009. No violations were identified in connection with this site. Based on the assumed direction of groundwater flow, this facility is not expected to represent a significant environmental concern.

The remaining sites are not located adjacent to the Site. Based on the relative distance, these listings are not expected to represent a significant environmental concern.

**EDR Historical Cleaners** - EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning

establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash and dry etc.

*Findings:* The Site was not identified as an EDR Historical Cleaners site. Fourteen sites were identified within ¼ mile of the Site. These sites are not located adjacent to the Site and information provided within the EDR report indicates that there are no listed violations or that corrective action has been taken to address the violations listed for these sites. Therefore, it is unlikely that these facilities present a significant environmental risk to the Site, and they are not considered RECs.

### 5.1.3 EDR Vapor Encroachment Screen

A Vapor Encroachment Screen was conducted using the EDR VEC App™. A copy of the EDR Vapor Encroachment Screen report is included in Appendix H. Numerous waste oil, fuel oil, and transfer oil spills were reported within the immediate area, but no spills of chlorinated volatile organic compounds were reported within adjacent to the Site. No vapor encroachment issues were identified.

## 5.2 Additional Environmental Record Sources

### 5.2.1 Local Agency Review

Freedom of Information Act (FOIA) requests were sent to the New York City Department of Environmental Protection (NYCDEP), New York City Fire Department, New York City Department of Health (NYCDOH) and the New York City Fire Department (FDNY) for information regarding hazardous operations and or other environmental reports/investigations for the Site, including the registration of fuel storage tanks, past spills, or violations. As of the date of this report, a response had not been received for the FOIA request. Regulatory agencies usually take six to eight weeks to process FOIA requests. Any pertinent information received will be reviewed and forwarded upon receipt. Copies of FOIA requests and regulatory agency responses are included in **Appendix B**.

### 5.2.2 New York City Department of Finance

The following is a summary of pertinent information obtained from the New York City Department of Finance website:

Tax Lot:                      Block 2760 – Lot No. 35

Address: 771 Metropolitan Avenue  
Owner: 771 Metro Investors LLC.  
Lot Size: 4,490 square feet – rectangular  
Building Class: K9- Miscellaneous Store Building  
Zoning: Commercial (C2-4)

Tax Lot: Block 2760 – Lot No. 28  
Address: 785 Metropolitan Avenue  
Owner: 781 Metro Investors LLC.  
Lot Size: 11,447 square feet – polygon  
Building Class: K5- Diner-Franchised Type Stand  
Zoning: Commercial (C2-4)

### 5.2.3 *New York City Department of Buildings*

The Department of Buildings (DOB) computerized Property Profile Overviews (PPOs) were reviewed. Pertinent information regarding Site is summarized below:

Lot 35 (771 Metropolitan Avenue) is listed as an E Designation site for Hazmat. Lot 28 (785 Metropolitan Avenue) is listed as an E Designation site for Hazmat, Noise, and Air restrictions. According to the PPO reviewed, there are a total of three (3) complains listed for this site. Two (2) complaints dealing with no certificate of occupancy (785 Metropolitan Avenue) and structural instability due to skylight replacements (771 Metropolitan Avenue) have both been closed. One open complaint is listed for the abandoned building without a fence and visible graffiti (785 Metropolitan Avenue). Four (4) violations are listed for the site. Fifty-one (51) actions and nine (9) Certificates of Occupancy (Cos) were listed in connection with this Site. Alterations (1935, 1942, 1944, 1950, 1952), building notices (1951, 1988, 1989), curb cut (1943), demolition (1929), docket (1943, 1954, 1989), demolition permit (1988), electrical sign (1930, 1989), miscellaneous (1988, 1989), new building (1910, 1929, 1937, 1951, 1969, 1988, 1989, 1942), sprinklers (1989), plumbing (1954), plumbing repair slip (1951), special report (1904), and unsafe building (1907) are the actions filed with this Site. While, open violations or complaints do not represent an environmental concern, action should be taken to resolve the open/active violations and complaints with the appropriate agency.

#### *5.2.4 Previous Environmental Reports*

A Phase II investigation was performed by EBC September 11 through October 10, 2014 to assess the environmental condition of the property.

The field work portion of the investigation was performed on September 11 through October 10, 2014. The work consisted of the installation of eleven soil borings, three monitoring wells and six soil gas implants and the collection and analysis of related samples.

#### *Soil Borings*

Seven soil boring locations (B1 through B7) were selected to gain representative soil quality information from across the site. Due to a high lead concentration in boring B5 on Lot 35, four lead delineation borings (B8-B11) were added on October 10.

All borings were advanced with Geoprobe™ direct push equipment using either a 54LT or 6712DT track mounted probe. Soil samples were collected continuously using either a 4 ft or 5 ft dual tube sampling system with disposable acetate liners. Borings B1-B7 were advanced to a depth of 15 feet. Delineation borings B8-B11 were advanced to a total depth of 6 feet. Retrieved sample cores were characterized by an Environmental Professional and field screened for the presence of volatile organic compounds (VOCs) using a photo-ionization detector (PID).

Two soil samples were retained from borings B1-B7 including the 0-2 ft and either the 8-10 or 12-14 ft intervals. Samples from the delineation borings included samples from the 0-2, 2-4 and 4-6 ft intervals with the exception of boring B8 in which only the 2-4 ft interval was obtained. Subsurface obstructions at this location prevented the collection of the additional intervals.

EBC installed three monitoring wells (MW1- MW3) on September 11, 2014. A total of six soil gas sampling points (SG1 through SG6) were installed to a depth of 12 feet below grade.

Soil samples from borings B1-B7 were analyzed for volatile organic compounds (VOCs) by USEPA method 8260, semi-volatile organic Compounds (SVOCs) by USEPA method 8270, pesticides / PCBs by USEPA method 8081/8082 and TAL metals. Soil samples from the delineation borings (B8-B11)

were analyzed for total lead and TCLP lead. Groundwater samples were analyzed for VOCs by USEPA method 8260. Soil gas samples were analyzed for VOCs by EPA method TO15.

Subsurface soil at the site consisted of urban fill, which was primarily comprised of brick, concrete, and other debris in a brown sandy matrix to a depth of approximately 3 feet, underlain by native silty-sand to the termination depth of 15 feet below grade. Groundwater is present at a depth of approximately 24 feet below surface grade.

With the exception of acetone, a common laboratory introduced contaminant, there were no VOCs reported above SCOs in any of the soil samples analyzed. The SVOCs, PCBs and metals reported above SCOs are all related to the fill material present on-site and do not indicate a release associated with historic use of the property.

Lead was reported at high concentrations in the 0-2 ft interval of B5. Further delineation of this condition identified an approximate 650 sf area with lead above the TCLP limit to depths of between 2 and 4 ft. Note that under a redevelopment scenario this area will need to be excavated and disposed of separately from the rest of the fill present on -site. Costs for soil disposal with lead above the TCLP criteria will be approximately \$ 125/ton and require an EPA ID number. NYS Waste generation fees will be waived in this case since the work would be part of a redevelopment project performed under the NYC Voluntary Cleanup program.

Two VOCs were reported above groundwater standards, benzene at 0.79 ug/L in MW1 and acetone at 800 ug/L in MW3. Acetone is a common laboratory introduced contaminant which is unlikely to be related to the historic use of the property. The low level of benzene is not of concern and is likely associated with background conditions.

The petroleum VOCs and CVOCs reported in soil gas were also consistent with background conditions in the area. Such detections are commonly reported in soil gas samples in current or former commercial areas of Brooklyn. The PCE and TCE concentrations reported were below recommended NYSDOH mitigation levels. Based on our experience a passive subslab venting system may be required under a redevelopment scenario along with an upgraded vapor barrier (20 mil) which is

required on all redevelopment projects with an E-designation. If this portion of the Site were to remain open or if it were to be used for parking then the venting system would not be needed.

Based on the results of the investigation, the past uses of the site have not impacted the environmental condition of the property and no further investigation is warranted. The property does have an E-designation which will require proper handling and disposal of the identified fill materials if the property were to be redeveloped and excavated. In addition, the soil from an approximate 650 ft x 4 foot area which failed the TCLP criteria will require disposal at a New Jersey hazardous waste disposal facility. Prior to commencing redevelopments activities, a OER approved Remedial Investigation Report and Remedial Action Work plan should be completed and implemented during redevelopment.

#### 5.2.5 *Historic Zoning Map*

A review of the NYC Department of City Planning Zoning Maps for the years 1961 through 2012 indicates that the Site has been zoned commercial C8-4 from December 1961 to February 1962 and has been zoned commercial C8-2 from February 1962 to 2009. From July 2009 to present day the Site has been rezoned as residential R7A with a commercial overlay C2-4. A copy of the December 1961 zoning map is included as **Figure 5B**.

#### 5.2.6 *Activity and Use Limitations*

A search was conducted for Activity and Use Limitations (AULs) associated with the subject properties, more specifically Institutional Controls (ICs) and/or Engineering Controls (ECs), which have been placed upon the property as a result of environmental issue identified at the property. In the City of New York, information on such AULs is maintained by the City of New York Department of City Planning (NYCDCP) and is commonly depicted on zoning maps with an “E” designation, as well as maintained within Chain of Title Records. For a site to be designated with an “E” restriction, several criteria must be met. First, a property must be included within a designated re-zoning area, then the property must be identified as a “Potential” or “Projected” re-development property, and finally, the site must be listed on one or more environmental regulatory databases as listed in the ASTM standard, be adjacent to such a site, and/or have historical usage associated with hazardous materials with the potential to impact human health and/or the environment should a release have occurred. Sites with an “E” designation require additional investigation and/or remediation be performed in order to determine if the historical use of a property, typically manufacturing or chemical usage, have impacted the site.

No change of use or development requiring a building permit will be issued for an “E” designated site without approval from the NYCOER.

The search for environmental liens and AULs also included a review of information available from the New York City Department of Finance, New York City DOB, the EDR database report, City of New York Environmental Quality Review Requirement Declarations, City of New York Zoning maps, and the NYCDCP and NYCOER websites.

The Site has been assigned an E-designation (E-282) for Hazmat, Air and Noise as part of the Greenpoint-Williamsburg contextual rezoning completed by the City in July 2009 (CEQR 09DCP056K).

An E-designation does not interfere with the present use of the Site; however E-designations do prevent the release of building permits subject to a detailed environmental review and release by the NYC Office of Environmental Remediation. Such release may require a full subsurface investigation, remedial and health and safety planning, implementation of a remedial program and documentation that the remedial program was completed during redevelopment of the property.

Typical NYCOER Phase II investigation/sampling requirements for hazmat “E” sites are as follows:

- Collection and laboratory analysis of for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), target analyte list (TAL) metals, PCBs and pesticides.
- Collection and laboratory analysis of groundwater samples for VOCs, SVOCs, TAL metals (filtered and unfiltered), PCBs and pesticides.
- Collection and laboratory analysis of soil gas samples for laboratory analysis of VOCs via EPA Method TO-15.

The Noise E requires that any new building constructed on the property include a window wall system which will achieve a noise attenuation of 35 dBA to maintain a maximum interior noise level of 45 dBA. An alternate means of ventilation such as through the wall or central air conditioning will also be required to maintain a closed window condition. Satisfaction of the Noise E requires the submission of a Noise Remedial Action Plan and an Installation Report certified by a Professional Engineer or Registered Architect.

The Air E requires any new residential or commercial development must ensure that the heating, ventilation and air conditioning stack(s) are located at least fourteen (14) feet from the lot line facing Graham Avenue or use Natural Gas as the type of fuel for space heating and hot water (HVAC) systems, to avoid any potential significant adverse air quality impacts.

Additional information regarding “E” sites can be found on the New York City Office of Environmental Remediation website:

[http://www.nyc.gov/html/oer/html/e\\_designation/e\\_designation.shtml](http://www.nyc.gov/html/oer/html/e_designation/e_designation.shtml)

## 6.0 SITE RECONNAISSANCE

### 6.1 Methodology and Limiting Conditions

Kevin Waters of EBC performed the site inspection on October 17, 2014; beginning at approximately 12:00 pm. The reconnaissance included a visual inspection of the Site the sidewalk immediately in front of the Site, and the exterior of adjacent properties.

Photographs taken during the inspection are attached (**Appendix A**).

### 6.2 Observations

The Site is developed with two (2) single-story commercial buildings. Lot 28 contains a basement within the entire footprint of the existing building. The buildings on both lots are currently vacant. A parking area is noted for the Site on Lot 28 and topography was noted to be generally level.

### 6.3 Aboveground and Underground Storage Tanks (ASTs/USTs)

During the on Site inspection EBC did not note any vent pipes or fill ports on either of the lots which are associated with underground storage tanks (USTs).

### 6.4 Hazardous and Non-Hazardous Chemical Storage and Disposal

During the on Site inspection EBC did not note any chemical storage on the interior of the two lots that would have a negative impact on the subsurface.

### 6.5 Underground Injection Control (UIC) Structures

Underground injection wells are regulated by the Underground Injection Control (UIC) Program under the authority of Part C of the Safe Drinking Water Act (SDWA) (42 U.S.C. 300h et seq.). The SDWA is designed to protect the quality of drinking water in the United States, and Part C specifically mandates the regulation of underground injection fluids through wells. The USEPA has promulgated a series of UIC regulations under this authority. Recent applicable revisions to UIC regulations were published in the State Implementation Guide - Revisions to the Underground Injection Control Regulations for Class V Injection Wells, September 2000. This document specifically addresses Class V injection wells, which include on-site wastewater disposal features such as drywells, cesspools and in-situ drains. The USEPA issued a Notice of Final Determination for Class V wells; Final Rule on June 7, 2002. With the exception of motor vehicle waste disposal wells and large-capacity cesspools,

Class V wells are “authorized by rule” (40 CFR 144.24) and may inject non-hazardous waste as long as the following criteria are met:

- The injection does not endanger underground sources of drinking water (40 CFR 144.12); and
- The well owners or operators submit basic inventory information (40 CFR 144.26).

The USEPA may, at its discretion, require the owner or operator of any well authorized by rule to submit information for review to determine if a well may be endangering an underground source of drinking water. In regard to motor vehicle waste disposal wells and large capacity cesspools (those that serve more than 20 persons per day), owners and/or operators of such wells in regulated areas must close the wells or obtain a permit. These requirements are being phased-in through 2008. Owners and operators of large-capacity cesspools must close the structures by April 5, 2005.

Sanitary wastewater is discharged from the Site and the surrounding areas to the New York City municipal sewer system. No features subject to UIC regulations were observed on the subject property during the site inspection.

## **6.6 Polychlorinated Biphenyls (PCBs)**

Polychlorinated biphenyls (PCBs) were used until 1978 and are a group of compounds formed by the chlorination of biphenyl. PCBs have extremely high physical and chemical stabilities which led to their being used in many applications, including heat transfer fluids, hydraulic fluids, and dielectrics. PCBs are often found in transformers, capacitors and hydraulic systems.

Electrical equipment containing PCBs are still in use and can pose a serious health hazard if fluids come in direct contact with humans, soil or groundwater. Fires involving electrical equipment containing PCBs can cause the material to be dispersed over a large area and potentially expose many people to a health risk. Because of the health hazard associated with PCBs, they are regulated under the Toxic Substances Control Act (TSCA).

No electrical transformers or other equipment suspected to contain PCBs were identified on or adjacent to the property at the time of the site inspection.

## **6.7 Asbestos**

Asbestos is the name given to a group of fibrous silicate minerals, typically those of the serpentine group. The tensile strength, flexibility, and non-flammability of asbestos have led to many uses including structural materials, brake linings, insulation, and pipe manufacture. Asbestos is of concern as an air pollutant because when inhaled it may cause asbestosis, mesothelioma, and bronchogenic carcinoma. In 1989, the USEPA announced regulations that would phase out most uses of asbestos by 1996.

As part of the site inspection, a visual survey was conducted of accessible areas for the presence of suspect asbestos-containing materials (ACM). Based on the date of construction of the Site asbestos (pipe insulation, boiler insulation, roofing, roof flashing or other concealed materials) may be present. During the Site inspection conducted by EBC, suspect asbestos containing materials were noted to be fair to good condition. Prior to any renovations or demolition of the building, an asbestos survey would be recommended.

## **6.8 Lead-Based Paint (LBP)**

In 1978, the U.S. Product Safety Commission issued a ban on paints or surface coatings that contain greater than 0.06 percent lead. A visual inspection of painted surfaces was conducted during the site inspection. Based on the date of construction for the building located on Lot 35, lead based paint containing materials may be present. During the Site inspection conducted by EBC, the painted surfaces were noted to be in fair to good condition for both buildings on the property. Prior to any renovations or demolition of the building, a lead based paint survey would be recommended.

## **6.9 Mold**

Concern about indoor exposure to mold has been increasing as the public becomes aware that exposure to mold can cause a variety of health effects and symptoms, including allergic reactions. Molds can be found almost anywhere; they can grow on virtually any organic substance, as long as moisture and oxygen are present. There are molds that can grow on wood, paper, carpet, foods, sheetrock, plaster and insulation. When excessive moisture accumulates in buildings or on building materials, mold growth will often occur, particularly if the moisture problem remains undiscovered or unaddressed.

As part of this assessment, a visual inspection was conducted for the presence of water damage and odors, indicative of the potential for mold growth. No visual or olfactory evidence of mold was identified at the subject property during the site inspection.

## **6.10 Wetlands**

A review of the NYSDEC Freshwater Wetland Map, Kings Quadrangle, indicates that no NYS freshwater wetlands are located within a one half mile radius of the Site. EBC also reviewed NYSDEC Tidal Wetlands Maps available online at <http://twi.ligis.org>. The tidal wetlands map indicates that there are no NYS tidal wetlands located within a one half mile radius of the Site.

Potential federal wetlands were identified from the U.S. Fish and Wildlife Service (FWS) Wetlands Mapper software, which indicate that no potential federal wetlands are located within a one-sixteenth mile radius of the Site. Additional information obtained from the FWS website is included in **Appendix B**.

Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRMs) were reviewed to determine if the Site is located within the 100-year or 500-year flood zones. The FIRM showing the property (No. 3604970204F) indicates that the entire property is located outside side the 100-year and 500-year flood zones indicating a minimal risk of flooding at the Site. A copy of the FEMA FIRM is included in **Appendix B**.

## 7.0 INTERVIEWS

### 7.1 Owner

EBC did interview the owner of the Site, who was not aware of any environmental issues in connection with the Site.

### 7.2 Occupants

EBC interviewed the manager for the property, who was not aware of any environmental issues in connection with the Site.

### 7.3 Local Government Officials

Freedom of Information Act (FOIA) requests were sent to the NYCDEP, NYCDOH and FDNY York City Department of Health (NYCDOH) for information regarding hazardous operations and or other environmental reports/investigations for the Site, including the registration of fuel storage tanks, past spills, or violations. As of the date of this report, a response had not been received for the FOIA request. Regulatory agencies usually take six to eight weeks to process FOIA requests. Any pertinent information received will be reviewed and forwarded upon receipt. Copies of FOIA requests and regulatory agency responses are included in **Appendix B**.

## 8.0 FINDINGS AND OPINIONS

Based upon reconnaissance of the Site and surrounding properties, interviews and review of historical records and regulatory agency databases, two **recognized environmental conditions were identified in connection with the Site as further discussed below:**

- In 1916 and 1932, the northeast and southeast corners of the Site, respectively, were developed and used as junkyards.

*Reason for inclusion: Junkyards typically process hazardous materials including petroleum hydrocarbons, heavy metals and acids. There is a potential that these products were improperly stored or released at the site.*

- A portion of the Site was formerly occupied by an auto repair facility.

*Reason for inclusion: Auto repair operations typically store and utilize solvents and petroleum products on-site including oil, waste oil, antifreeze, battery acid, grease, antifreeze, and solvent parts washers (containing perchloroethylene)..*

These RECs have been fully investigated during a Phase II investigation was performed by EBC September 11 through October 10, 2014.

The work consisted of the installation of eleven soil borings, three monitoring wells and six soil gas implants and the collection and analysis of related samples.

Subsurface soil at the site consisted of urban fill, which was primarily comprised of brick, concrete, and other debris in a brown sandy matrix to a depth of approximately 3 feet, underlain by native silty-sand to the termination depth of 15 feet below grade. Groundwater is present at a depth of approximately 24 feet below surface grade.

With the exception of acetone, a common laboratory introduced contaminant, there were no VOCs reported above SCOs in any of the soil samples analyzed. The SVOCs, PCBs and metals reported

above SCOs are all related to the fill material present on-site and do not indicate a release associated with historic use of the property.

Lead was reported at high concentrations in the 0-2 ft interval of B5. Further delineation of this condition identified an approximate 650 sf area with lead above the TCLP limit to depths of between 2 and 4 ft. Note that under a redevelopment scenario this area will need to be excavated and disposed of separately from the rest of the fill present on -site. Costs for soil disposal with lead above the TCLP criteria will be approximately \$ 125/ton and require an EPA ID number. NYS Waste generation fees will be waived in this case since the work would be part of a redevelopment project performed under the NYC Voluntary Cleanup program.

Two VOCs were reported above groundwater standards, benzene at 0.79 ug/L in MW1 and acetone at 800 ug/L in MW3. Acetone is a common laboratory introduced contaminant which is unlikely to be related to the historic use of the property. The low level of benzene is not of concern and is likely associated with background conditions.

The petroleum VOCs and CVOCs reported in soil gas were also consistent with background conditions in the area. Such detections are commonly reported in soil gas samples in current or former commercial areas of Brooklyn. The PCE and TCE concentrations reported were below recommended NYSDOH mitigation levels. Based on our experience a passive subslab venting system may be required under a redevelopment scenario along with an upgraded vapor barrier (20 mil) which is required on all redevelopment projects with an E-designation. If this portion of the Site were to remain open or if it were to be used for parking then the venting system would not be needed.

Based on the results of the investigation, the past uses of the site have not impacted the environmental condition of the property and no further investigation is warranted. The property does have an E-designation which will require proper handling and disposal of the identified fill materials if the property were to be redeveloped and excavated. In addition, the soil from an approximate 650 ft x 4 foot area which failed the TCLP criteria will require disposal at a New Jersey hazardous waste disposal facility. Prior to commencing redevelopments activities, an OER approved Remedial Investigation Report and Remedial Action Work plan should be completed.

## 8.1 Additional Environmental Issues

The Site has been assigned an E-designation (E-282) for Hazmat, Air and Noise as part of the Greenpoint–Williamsburg contextual rezoning completed by the City in July 2009 (CEQR 09DCP056K).

An E-designation does not interfere with the present use of the Site; however E-designations do prevent the release of building permits subject to a detailed environmental review and release by the NYC Office of Environmental Remediation. Such release may require a full subsurface investigation, remedial and health and safety planning, implementation of a remedial program and documentation that the remedial program was completed during redevelopment of the property. A Phase II investigations was completed by EBC on September 11 through October 10, 2014. To satisfy the Hazmat E designation a OER approved Remedial Investigation Report and Remedial Action Work plan should be completed for the Site.

The Noise E requires that any new building constructed on the property include a window wall system which will achieve a noise attenuation of 35 dBA to maintain a maximum interior noise level of 45 dBA. An alternate means of ventilation such as through the wall or central air conditioning will also be required to maintain a closed window condition. Satisfaction of the Noise E requires the submission of a Noise Remedial Action Plan and an Installation Report certified by a Professional Engineer or Registered Architect.

The Air E requires any new residential or commercial development must ensure that the heating, ventilation and air conditioning stack(s) are located at least fourteen (14) feet for fuel oil from the lot line facing Graham Avenue or use Natural Gas as the type of fuel for space heating and hot water (HVAC) systems, to avoid any potential significant adverse air quality impacts.

### *Asbestos and Lead Based Paint*

Based on the date of construction, asbestos containing materials (roof, roof flashing, floor tiles and other concealed materials) and or lead based paint may be present. During the site inspection conducted by EBC, all suspect materials were noted to be in fair to good condition. Prior to any renovations or demolition of the building, an asbestos and lead based paint survey would be needed to determine the asbestos and or lead based paint content of suspect materials.





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## 9.0 CONCLUSIONS AND RECOMMENDATIONS

EBC performed a Phase I Environmental Site Assessment in conformance with the scope and limitations as described under ASTM Practice E1527-13 for the commercial property identified by the street addresses of 771-785 Metropolitan Avenue, Block 2760 Lot No. 28 and 35 in Brooklyn, New York. Any exceptions to, or deletions from, this practice are described in **Section 1.4** of this report. Based upon reconnaissance of the subject and surrounding properties, interviews and review of historical records and regulatory agency databases, *this assessment has revealed two recognized environmental conditions in connection with the Site and is further discussed below:*

- In 1916 and 1932, the northeast and southeast corners of the Site, respectively, were developed and used as junkyards. Junkyards typically process hazardous materials including petroleum hydrocarbons, heavy metals and acids. There is a potential that these products were improperly stored or released at the site.
- A portion of the Site was formerly occupied by an auto repair facility. Auto repair operations typically store and utilize solvents and petroleum products on-site including oil, waste oil, antifreeze, battery acid, grease, antifreeze, and solvent parts washers (containing perchloroethylene)..

These RECs have been fully investigated during a Phase II investigation was performed by EBC September 11 through October 10, 2014 .

With the exception of acetone, a common laboratory introduced contaminant, there were no VOCs reported above SCOs in any of the soil samples analyzed. The SVOCs, PCBs and metals reported above SCOs are all related to the fill material present on-site and do not indicate a release associated with historic use of the property.

Lead was reported at high concentrations in the 0-2 ft interval of B5. Further delineation of this condition identified an approximate 650 sf area with lead above the TCLP limit to depths of between 2 and 4 ft. Note that under a redevelopment scenario this area will need to be excavated and disposed of separately from the rest of the fill present on -site. Costs for soil disposal with lead above the TCLP criteria will be approximately \$ 125/ton and require an EPA ID number. NYS Waste generation fees

will be waived in this case since the work would be part of a redevelopment project performed under the NYC Voluntary Cleanup program.

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The petroleum VOCs and CVOCs reported in soil gas were also consistent with background conditions in the area. Such detections are commonly reported in soil gas samples in current or former commercial areas of Brooklyn. The PCE and TCE concentrations reported were below recommended NYSDOH mitigation levels. Based on our experience a passive subslab venting system may be required under a redevelopment scenario along with an upgraded vapor barrier (20 mil) which is required on all redevelopment projects with an E-designation. If this portion of the Site were to remain open or if it were to be used for parking then the venting system would not be needed.

Based on the results of the investigation, the past uses of the site have not impacted the environmental condition of the property and no further investigation is warranted. The property does have an E-designation which will require proper handling and disposal of the identified fill materials if the property were to be redeveloped and excavated. In addition, the soil from an approximate 650 ft x 4 foot area which failed the TCLP criteria will require disposal at a New Jersey hazardous waste disposal facility. Prior to commencing redevelopments activities, an OER approved Remedial Investigation Report and Remedial Action Work plan should be completed.

### **ADDITIONAL ENVIROMENTAL ISSUES**

The Site has been assigned an E-designation (E-282) for Hazmat, Air and Noise as part of the Greenpoint–Williamsburg contextual rezoning completed by the City in July 2009 (CEQR 09DCP056K).

An E-designation does not interfere with the present use of the Site; however E-designations do prevent the release of building permits subject to a detailed environmental review and release by the

NYC Office of Environmental Remediation. Such release may require a full subsurface investigation, remedial and health and safety planning, implementation of a remedial program and documentation that the remedial program was completed during redevelopment of the property. A Phase II investigations was completed by EBC on September 11 through October 10, 2014. To satisfy the Hazmat E designation a OER approved Remedial Investigation Report and Remedial Action Work plan should be completed for the Site.

The Noise E requires that any new building constructed on the property include a window wall system which will achieve a noise attenuation of 35 dBA to maintain a maximum interior noise level of 45 dBA. An alternate means of ventilation such as through the wall or central air conditioning will also be required to maintain a closed window condition. Satisfaction of the Noise E requires the submission of a Noise Remedial Action Plan and an Installation Report certified by a Professional Engineer or Registered Architect.

The Air E requires any new residential or commercial development must ensure that the heating, ventilation and air conditioning stack(s) are located at least fourteen (14) feet for fuel oil from the lot line facing Graham Avenue or use Natural Gas as the type of fuel for space heating and hot water (HVAC) systems, to avoid any potential significant adverse air quality impacts.

#### *Asbestos and Lead Based Paint*

Based on the date of construction, asbestos containing materials (roof, roof flashing, floor tiles and other concealed materials) and or lead based paint may be present. During the site inspection conducted by EBC, all suspect materials were noted to be in fair to good condition. Prior to any renovations or demolition of the building, an asbestos and lead based paint survey would be needed to determine the asbestos and or lead based paint content of suspect materials.

## 10.0 DEVIATIONS

This Phase I ESA was conducted in accordance with the scope and limitations of the American Society for Testing and Materials (ASTM) Standard E 1527-13 (Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process) and 40 CFR Part 312 (Standards and Practices for All Appropriate Inquiry; Final Rule). Excluding additional services outlined in Section 11.0, there were no deviations or deletions from this practice.

## 11.0 ADDITIONAL SERVICES

EBC has included, in addition to those items outlined by ASTM E 1527-13, a general evaluation of the following is a list of non-scope considerations, which may be addressed, in a limited capacity within this Phase I Environmental Site Assessment:

- Radon;
- Lead-based Paint;
- Asbestos-containing Materials; and
- Wetlands.

## 12.0 REFERENCES

Standard practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Standard E 1527-13

All Appropriate Inquiry, Final Rule, 40 CFR Part 312

Environmental Data Resources, Inc. regulatory database report (No. 3976015.2s), June 18, 2014.

EDR Sanborn, Inc., Sanborn Map Report (No. 3976015.3), June 18, 2014.

Environmental Data Resources, Inc. City Directory Search (No. 3976015.5), June 18 2014.

New York City Tax Assessor, records review - July 2014.

New York City Department of Health, Freedom of Information request forwarded July 2014.

New York City Fire Department, Freedom of Information request forwarded July 2014.

New York City Department of Environmental Protection, Freedom of Information request forwarded July 2014.

New York City Building Department, records on-line review July 2014.

U.S.G.S. Topographic Map, Brooklyn, NY Quadrangle.

U.S. Department of the Interior, Fish and Wildlife Service. National Wetlands Inventory Maps.

New York State Department of Environmental Conservation. Tidal Wetlands Maps, Kings County, New York.

Federal Emergency Management Agency (FEMA) Flood Zone Map Panel No. 3604970208F).

### 13.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 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 inquiries in conformance with the standards and practices set forth in 40 CFR 312.

*Prepared By:*



Chawin Miller

Project Manager / Industrial Hygienist

# QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL



**ENVIRONMENTAL BUSINESS CONSULTANTS**

## **Charles B. Sosik, PG, PHG, Principal**

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### **Professional Experience**

25 years

### **Education**

MS, Hydrogeology, Adelphi University, NY  
BS, Geology, Northern Arizona University, AZ

### **Areas of Expertise**

- Brownfields Redevelopment
- Hazardous Waste Site Investigations
- Pre-purchase Site Evaluations and Support
- Regulatory Negotiations
- Remedial Planning and "Cost to Cure" Analysis
- Strategic Planning
- Real Estate Transactions
- NYC "E" Designations

### **Professional Certification**

- Professional Geologist, NH
- Professional Geologist, Hydrogeologist, WA
- OSHA 40-hr HAZMAT
- OSHA 8-hr. Supervisor
- NYC OER Qualified Environmental Professional

### **Professional Affiliation / Committees**

- NYS Council of Professional Geologists (NYSCPG)
  - Association of Groundwater Scientists & Engineers (AGSE)
  - NYS RBCA Advisory Committee
  - Massachusetts LSP Association
  - New Hampshire Association of Professional Geologists
  - Interstate Technology Regulatory Council/MTBE Team
  - Environmental Business Association, Brownfields Task Force
  - Part 375 Working Group
- 

## **PROFILE**

Mr. Sosik has 25 years of experience in environmental consulting. He specializes in advising clients on managing environmental compliance with federal, state, and municipal agencies and has successfully directed numerous investigation and remediation projects involving petroleum, pesticides, chlorinated solvents, heavy metals and radiologically activated media. His work included extensive three-dimensional investigations on MTBE, which have been used effectively to help shape public policy. He also has experience in applying models to groundwater related problems and has completed several large-scale projects to determine fate and transport of contaminants, establish spill scenarios, and closure criteria. His experience and expertise in the area of contaminant hydrogeology has resulted in requests from environmental attorneys, property owners and New York State to serve as an expert witness and technical advisor on a variety of legal disputes.

For the past 10 years Mr. Sosik has been primarily engaged in providing environmental consulting to developers responding to the extensive re-zoning of former industrial and commercial properties, which is currently taking place throughout New York City. These services include everything from pre-purchase evaluations and contract negotiations to gaining acceptance in and moving projects through the NYS Brownfields Program. Mr. Sosik has taken a pro-active role in the continued development of the NYS Brownfields Program and related policy, by attending numerous working seminars, active participation in work groups and task forces and by providing commentary to draft versions of new guidance documents. Throughout his professional career, Mr. Sosik has remained committed to developing innovative cost- efficient solutions to environmental issues, specifically tailored to the needs of his clients.

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## **SELECTED PROJECTS**

### **Scavenger Waste Treatment Facility (SWTF), Suffolk County, NY**

**Water Treatment Plant EIS - Focused EIS** - In response to requests from the Suffolk County Council on Environmental Quality and the Brookhaven Conservation Advisory Council, Mr. Sosik prepared a focused EIS to evaluate the potential impacts to an important surface water resource from the proposed facility including cumulative and synergistic effects with established contaminant plumes in the area.

### **Advanced Residential Communities, Rockville Centre, NY**

**Brownfield Project** – As the senior project manager on this large scale, high profile redevelopment project, Mr. Sosik was asked to develop a plan to accelerate the regulatory process in the face of general community opposition. Through numerous discussions with the BCP management team, He was able to condense the schedule and review period, through the submission of supporting documents (Investigation Report, Remedial Work Plan) with the BCP application package. Community opposition, which focused on the environmental condition of the site as a means to block the project, was used to

advantage in expediting approval of the aggressive interim remedial plan. This will allow the developer to begin remedial work approximately 5 months ahead of schedule.

### **Former Temco Uniform site, West Haverstraw, NY**

**Brownfield Project** – Mr. Sosik took over management of this project from another consultant following transition of this VCP site to the BCP. Mr. Sosik used the opportunity to renegotiate and revise the scope of work to allow a more cost effective and focused investigation plan without re-writing or resubmitting the RIWP. During the NYSDEC's review of the transition package, he met with and coordinated changes with the NYSDEC Project Manager to gain approval. The result saved the client a significant amount of money, but perhaps more importantly in this case, did so without loss of time.

### **Grovick Properties, Jackson Heights, NY**

**Brownfield Project** – This Brownfield property is somewhat unique in that it had been investigated and partially remediated by the NYSDEC through the petroleum spill fund. The client was interested in

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## **Charles B. Sosik, PG, PHG, Principal**

purchasing the property and redeveloping it as office and retail space. Mr. Sosik reviewed the NYSDEC investigation and developed a supplemental plan to meet the requirements of an RI under the BCP program. By performing this limited amount of field work "up-front" he was able to complete an RI Report and Remedial Plan and submit both with the BCP application package. The NYSDEC and NYSDOH approved the RI Report and the Remedial Plan with minor changes. This cut 120 days from the review process and allowed the client to arrange financing and move his project forward knowing what the clean-up costs would be at the outset.

### **Metro Management, Bronx, NY**

**Brownfield Project** – The site of a former gas station, the developer had planned to construct a 12-story affordable housing apartment complex with first floor retail space. Since the site was located in an Environmental zone, potential tax credits of 22% for site development, remediation and tangible property could be realized under the BCP. In a pre-application meeting with the NYSDEC, Mr. Sosik realized that the department did not believe the site was eligible for the BCP, since it had been previously investigated and closed under the spills program.

Mr. Sosik assisted the developer in securing financing, and due to the demands of an aggressive construction schedule developed an Interim Remedial Measure (IRM), based on chemical oxidation treatment. Working closely with the clients environmental counsel, Mr. Sosik was able to get the IRM approved without a public comment period. Implementation of the IRM is currently underway.

The project was awarded the 2009 NYC Brownfield Award for Innovation.

### **Brandt Airflex, NY**

**Technical Consulting Services** - Mr. Sosik provided senior level technical advice and strategic planning in developing an off-site RI/FS for the site, in negotiating a tax reduction for the property due to the environmental condition and in preparing a cost to cure estimate for settlement between business partners. After achieving a favorable tax consideration and settlement agreement for his client

### **Allied Aviation Services, Dallas, Fort Worth, Airport, Dallas, TX**

**Jet Fuel Investigation** - Mr. Sosik developed and managed an investigative plan to quickly identify the extent and source of jet fuel which was discharging from the Airport's storm drain system to a creek a mile away. Through the use of a refined conceptual model, accelerated investigative techniques and a flexible work plan, he was able to identify the source of the fuel and the migration route within a single week. He then identified remedial options and successfully negotiated a risk based plan with the Texas regulatory agency that had issued a notice of enforcement action against the facility.

### **KeySpan – Former LILCO Facilities, Various NY Locations**

**Pesticide Impact Evaluation** - Mr. Sosik developed, negotiated and implemented a site screening procedure to evaluate impact to public health and the environment as the result of past herbicide use at 211 utility sites. Using an unsaturated zone leaching model (PRZM) on a small subset of the sites, he was able to establish mass loading schedules for the remaining sites. This was combined with public well

data in a GIS environment to perform queries with respect to mass loading, time transport and proximity to vulnerable public supply wells. Using this approach Mr. Sosik was able to show that there were no concerns for future impact. This effort satisfied the public health and resource concerns of the state environmental agency and county health department in a reasonable amount of time and at a fraction of the cost of a full scale investigation.

### **Former Computer Circuits (Superfund) Site, Hauppauge, NY**

**CERCLA RI/FS** - As Senior Project Manager for the site, he played a major role in regaining control of the investigation activities for the PRP. This action prevented the USEPA from initiating an extensive investigation at the site using a RAC II contractor allowing the client to perform a more efficient investigation. He was involved in all negotiations with EPA and was the project lead in developing a revised site characterization plan (work plan, field sampling plan, quality assurance plan, etc.). By carefully managing all phases of the investigation and continued interaction with each of the three regulatory agencies involved, Mr. Sosik was able to keep the project focused and incrementally reinforce the clients position. The estimated cost of the revised investigation is expected to save the client 1.5 to 2 million dollars.

### **Sun Oil, Seaford, NY**

**Remediation Consulting Services & Project Management** - Under an atmosphere of regulatory distrust, political pressure and mounting public hostility toward the client, Mr. Sosik conducted an off-site 3-D investigation to define the extent of contamination and the potential impact on public health. By designing and implementing an aggressive source area remediation program and personal interaction with the public and regulatory agencies, he was able to successfully negotiate a limited off-site remediation favorable to the client. Source area remediation was completed within 6 months and the project successfully closed without damage to the client's public image or working relationship with the regulatory agencies.

### **Con Edison, Various Locations, NY**

**Hydrogeologic Consulting Services** - Under a general consulting contract, Mr. Sosik conducted detailed subsurface hydrogeologic investigations at five locations to assist in the development of groundwater contingency planning. He also developed and implemented work plans to investigate and remediate existing petroleum, cable fluid, and PCB releases at many of the generating facilities and substations. An important aspect of his role was in assisting the client in strategic planning and negotiations with the regulatory agency.

### **Keyspan - Tuthill Substation, Aqueboque, NY**

**Accelerated Site Characterization** - Using accelerated site characterization techniques, Mr. Sosik presented the project as a case study in establishing the transport of an herbicide and its metabolites applied at utility sites in the 1980's. The results were then used to establish a screening method for evaluating 211 similar sites controlled by the client in a reasonable and efficient manner.

### **NYSDEC Spill, East Moriches, NY**

**Spill Release Analysis** - With recognized expertise in the area of gasoline plume development on Long Island, Mr. Sosik was asked by



## **Charles B. Sosik, PG, PHG, Principal**

the State to establish the release date (and principal responsible party) of an extensive petroleum spill, which impacted a residential neighborhood. He used multiple lines of evidence, and a new EPA model (HSSM), which he has helped to refine, to reconstruct the release scenario and spill date, in support of the State Attorney General's cost recovery effort from the PRP.

### **Minmilt Realty, Farmingdale, NY**

**Fate & Transport Modeling** - He completed an RI/FS at this location for a PCE plume that had been in transit for over 30 years. Mr. Sosik applied a conservative model to evaluate time/concentration impacts under a variety of transport scenarios to a municipal wellfield located 13,000 feet away. Through the use of the model and careful interpretation of an extensive data set compiled from several sources, Mr. Sosik was able to propose a plan which was both acceptable to the regulator and favorable to the client.

### **Sebonack Golf Course Project, Town of Southampton, NY**

**IPM Pesticide Study** - Provided professional hydrogeologic services in support of the EIS prepared for the development of the site. The proposed development included an 18-hole golf course, clubhouse, dormitory facility, cottages, associated structures, and a 6,000 square foot research station for Southampton College. Mr. Sosik performed an extensive evaluation (using a pesticide-leaching model) on the effects of pesticide and nitrogen loading to groundwater as part of the projects commitment to an Integrated Pest Management (IPM) approach.

### **NYSDEC, Spills Division, Regions 1 - 4**

**Petroleum Spills Investigation & Remediation** - As a prime contractor/consultant for the NYSDEC in Regions 1-4, Mr. Sosik has managed the investigation and remediation of numerous petroleum spills throughout the State. Many of these projects required the development of innovative investigation and remediation techniques to achieve project goals. He was also involved in many pilot projects and research studies to evaluate innovative investigation techniques such as accelerated site characterization, and alternative approaches to remediation such as monitored natural attenuation and risk based corrective action.

### **Sun Oil, E. Meadow, NY**

**Exposure Assessment** - Performed to seek closure of the spill file, despite the presence of contaminants above standards, Mr. Sosik determined after the extended assessment that the level of remaining contamination would not pose a future threat to human health or the environment. He used multiple lines of evidence, and a fate and

transport model to show that degradation processes would achieve standards within a reasonable time.

### **Sand & Gravel Mine, NY**

**Property Development** - As part of the development of a sand and gravel mine, Mr. Sosik provided environmental consulting services to assist in obtaining a mining permit, which would result in the construction of a 150-acre lake. Specifically, Mr. Sosik investigated if the proposed lake would reduce groundwater quantity to domestic and public well fields, and/or accelerate the migration of potential surface contaminants to the lower part of the aquifer. After assuming the lead role in negotiations with the regulatory agency, Mr. Sosik was able to obtain a permit for the client by adequately addressing water quality and quantity issues, and by preparing a monitoring plan and spill response plan, acceptable to all parties.

### **NYSDEC, Mamaroneck, NY**

**Site Characterization / Source Identification** - In a complex hydrogeologic setting consisting of contaminant transport through fractured metamorphic bedrock and variable overburden materials, Mr. Sosik was able to develop and implement a sub-surface investigation to differentiate and separate the impact associated with each of two sources. The results of this investigation were successful in encouraging the spiller to accept responsibility for the release.

### **Riverhead Municipal Water District, NY**

**Site Characterization / Remedial Planning** - Using accelerated characterization techniques, he implemented a 3-D site investigation to identify two service stations 4,000 ft. away as the source of contamination impacting a municipal wellfield. In accordance with the strict time table imposed by the need to return the wellfield to production by early spring, he designed and implemented a multi-point (9 RW, 6 IW) recovery and injection well system using a 3-d numerical flow model, and completed the project on time. Using a contaminant transport model, Mr. Sosik developed clean-up goals which were achieved in 9 months of operation, well below the projected 3 to 5 year project duration.

### **Montauk Fire Department, NY**

**Site Assessment** - Mr. Sosik performed a limited investigation and used a 2-D flow model to demonstrate that the property could not have been the source of contamination which had impacted an adjacent wellfield as per the results of a previous investigation. This small focused effort successfully reversed a \$500,000, and rising, claim against the department by the water district and the NYSDEC.

## **PREVIOUS EXPERIENCE**

### **P.W. Grosser Consulting, Bohemia, NY**

Senior Project Manager, 1999-2006

### **Environmental Assessment & Remediation, Patchogue, NY**

Senior Project Manager, 1994-1999

### **Miller Environmental Group, Calverton, NY**

Project Manager, 1989-1994

### **DuPont Biosystems, Aston, PA**

Hydrogeologist, 1988-1989



Charles B. Sosik, PG, PHG, Principal

EXPERT WITNESS TESTIMONY AND DEPOSITIONS

Fact Witness -Testimony on relative age of petroleum spill based on nature and extent of residual and dissolved components at the Delta Service Station in Uniondale, NY Fall/1999

Expert Witness / Expert Report for defendant in cost recovery case by NYS Attorney General regarding a Class II Inactive Hazardous Waste (State Superfund) project by the NYSDEC (October 2004 – present, Report: March 2005, Deposition: April 2005, 2nd Report: Aug. 2013, 2nd Deposition Nov. 2013, Bench Trial: December 2013 - qualified as expert in Federal Court),

Expert Witness / Fact Witness for plaintiff seeking compensation for partial expenses incurred during the investigation and remediation of a USEPA CERCLA site due to the release and migration of contaminants from an "upgradient" industrial property. (Deposition May 2005, case settled April 2007).

Expert Witness / Fact Witness for NYS Attorney General with respect to cost recovery for a NYSDEC petroleum spill site in Holtzville, NY (Deposition April 2005 - case settled).

Expert Witness – Statement of opinion and expert testimony at trial for plaintiff seeking damages from a major oil corporation for contamination under a prior leasing agreement in Rego Park, NY. Case decided in favor of plaintiff. Trial July 2007, in favor of Plaintiff. Qualified as Expert.

Expert Witness / Fact Witness for NYS Attorney General with respect to cost recovery for a NYSDEC petroleum spill site in Lindenhurst, NY (Trial date Dec. 2009, in favor of plaintiff. Qualified as Expert State Supreme Court.

Expert Witness - for NYS Attorney General regarding NYSDEC cost recovery for a petroleum spill site at Riverhead, NY. Case settled July 2008.

Expert Witness for plaintiffs in class action case with respect to damages from chlorinated plume impact to residences in Dayton, OH. (Draft Report – May 2013).

Expert Witness / Fact Witness for defendant with respect to cost recovery and third party responsibility for a NYSDEC petroleum spill site in Lindenhurst, NY (Expert Statement of Fact – October 2005).

Expert Witness for plaintiff seeking damages related to a petroleum spill from the previous owner/operator of a gas station in College Point, NY. Case settled 2009.

Expert Witness for plaintiff (municipal water supply purveyor) seeking damages from major oil companies and manufacturer of MTBE at various locations in Suffolk County, NY. Expert reports July 2007, August 2007 and October 2007, Case settled August, 2008.

Expert Witness - Deposition for NYS Attorney General regarding NYSDEC cost recovery for a petroleum spill site at Sag Harbor, NY. August 2002

Expert Witness for defendant responding to a claim from adjacent commercial property owner on the origin of chlorinated solvents on plaintiff's property located in Cedarhurst, NY. Expert opinion submitted to lead counsel on March 6, 2009, case settled April 2009.

Expert Report - for Attorney General on modeling performed to determine the spill release scenario at a NYSDEC petroleum spill site in East Moriches, NY. June 2000.

Expert Witness - for plaintiff in case regarding impact to private wells from a spill at adjacent Town and County properties with open gasoline spill files in Goshen, NY. Expert report submitted August 2013.

Expert Witness for defendant with respect to cost recovery from Sunoco for a NYSDEC petroleum spill site. (Declaration – January 2013).

Expert Witness - for plaintiff (municipal water supply purveyor) seeking damages from Dow Chemical for PCE impact at various locations in Suffolk County, NY. Affidavit submitted 2011.

MODELING EXPERIENCE (PARTIAL LISTING)

Table with 3 columns: PROJECT, MODEL, APPLICATION. Rows include Riverhead Water District, NYSDEC - Region 1, AMOCO, Keyspan Energy, Saboneck Golf Club, Suffolk County Department of Public Works, SCDPW SUNY Waste Water Treatment Plant, and Water Authority of Great Neck North.

PUBLICATIONS / PROFESSIONAL PAPERS

- Smart Pump & Treat Strategy for MTBE Impacting a Public Water Supply (14th Annual Conference on Contaminated Soils Proceedings, 1998)
Transport & Transformation of BTEX & MTBE in a Sand Aquifer (Groundwater Monitoring & Remediation 05/1998)
Characteristics of Gasoline Releases in the Water Table Aquifer of Long Island (Petroleum Hydrocarbons Conference Proceedings, 1999)
Field Applications of the Hydrocarbon Spill Screening Model (HSSM) (USEPA Interactive Modeling Web Course www.epa.gov/athens/software/training/webcourse Authored module on model application and applied use of calculators, 02/2000)
Comparative Evaluation of MTBE Sites on Long Island, US EPA Workshop on MTBE Bioremediation (Cincinnati, 02/2000)
Comparison of Four MTBE Plumes in the Upper Glacial Aquifer of Long Island (American Geophysical Union, San Francisco, 12/1996)
Analysis and Simulation of the Gasoline Spill at East Patchogue, New York (American Geophysical Union, San Francisco, 12/1998)



**ENVIRONMENTAL BUSINESS CONSULTANTS**

## **Chawinie Miller, Project Manager / Industrial Hygienist**

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### **Professional Experience**

EBC: March 2013

Prior: 8 years

### **Education**

Bachelor of Science, Environmental Health and Safety, Stony Brook University, NY

### **Areas of Expertise**

- Phase I / Property Condition Assessments
- Occupational Health and Safety Sampling
- Indoor Air Quality (IAQ) Investigations
- Mold Investigations and Remediation
- Soil and Ground Water Investigations
- Noise Studies
- Lead Paint and Asbestos Surveys
- Hazardous Materials Assessments

### **Professional Certification**

- OSHA 40-hr HAZWOPER
- NYS Asbestos Inspector
- NYC Asbestos Investigator
- USEPA Lead Inspector
- USEPA Lead Risk Assesor
- OSHA 10-hr Construction Health and Safety
- Hazard Analysis and Critical Control Point (HACCP) Certified

### **PROFILE**

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Ms. Miller has 9 years experience as an environmental consultant/contractor and has worked on and managed a wide range of environmental projects. Ms. Miller has conducted Phase Is and Property Condition Assessments for commercial, industrial, and residential properties in New York, New Jersey and Connecticut. In addition, Ms. Miller has conducted various IAQ, asbestos, mold and occupational health and safety sampling investigations for a variety of city, state, federal and private clients.

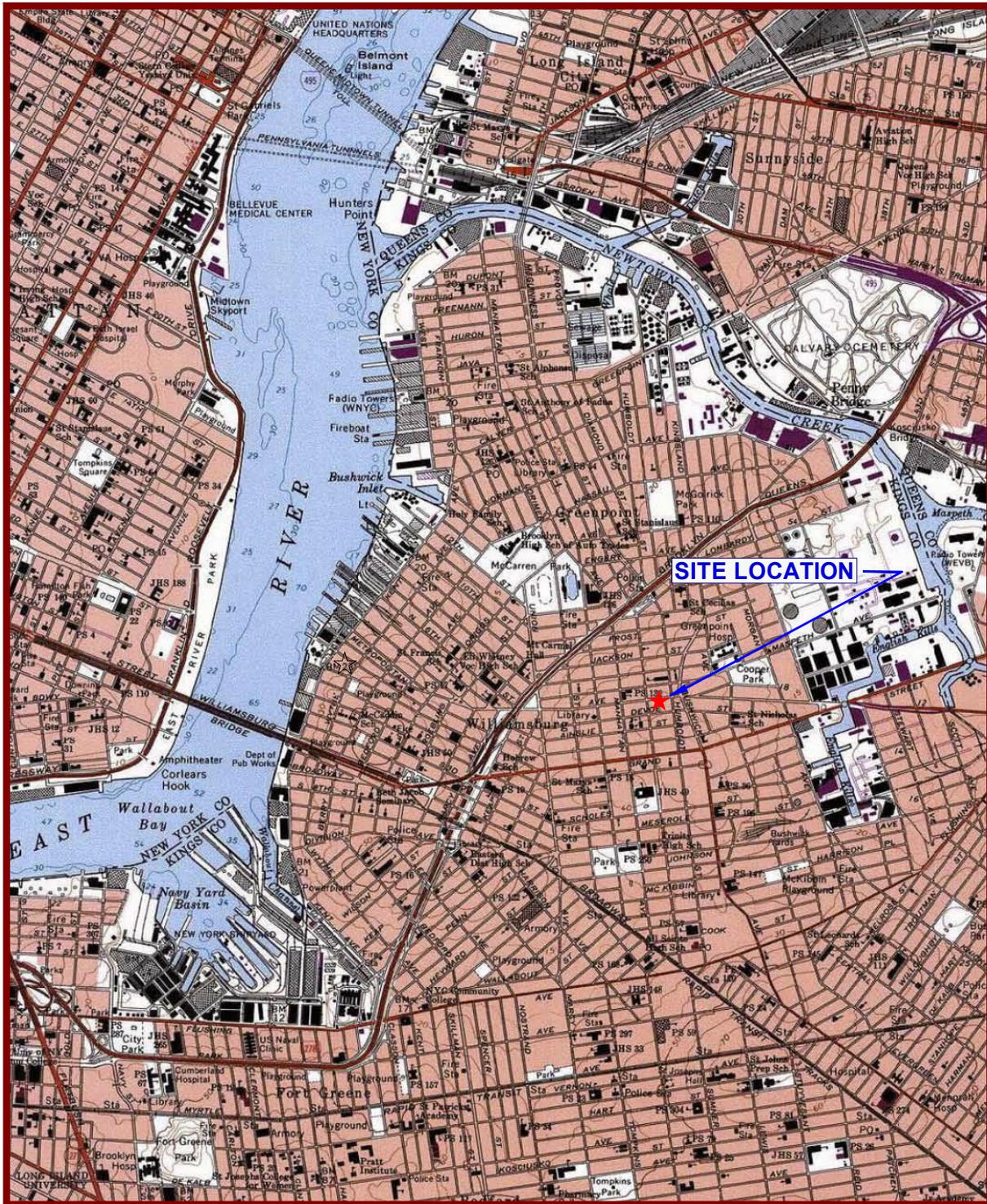
### **PREVIOUS EXPERIENCE**

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The Louis Berger Group, New York, New York  
Industrial Hygienist, 2008-2013

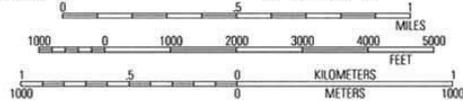
AEI Consultants, Jersey City, New Jersey  
Environmental Scientist, 2005-2008

# FIGURES



40°45.000' N  
40°44.000' N  
40°43.000' N  
40°42.000' N

73°59.000' W      73°58.000' W      73°57.000' W      WGS84 73°56.000' W



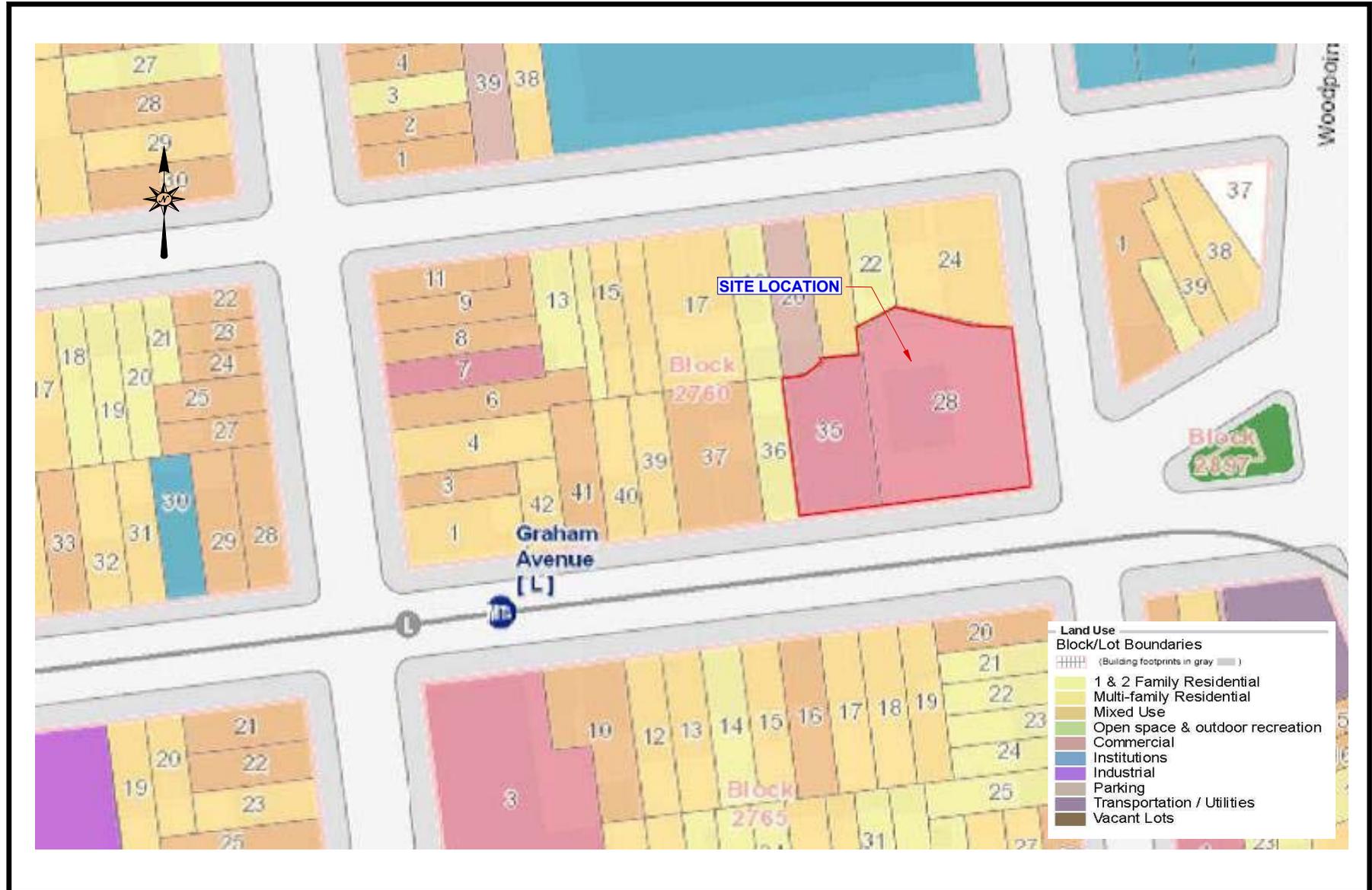
MN|TN  
13°  
06/04/11

USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

**EBC**  
Environmental Business Consultants  
Phone 631.504.6000  
Fax 631.924.2870

771-781 METROPOLITAN AVENUE  
Brooklyn, NY

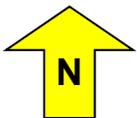
**FIGURE 1** Site Location Map







I E SITE AE IAL



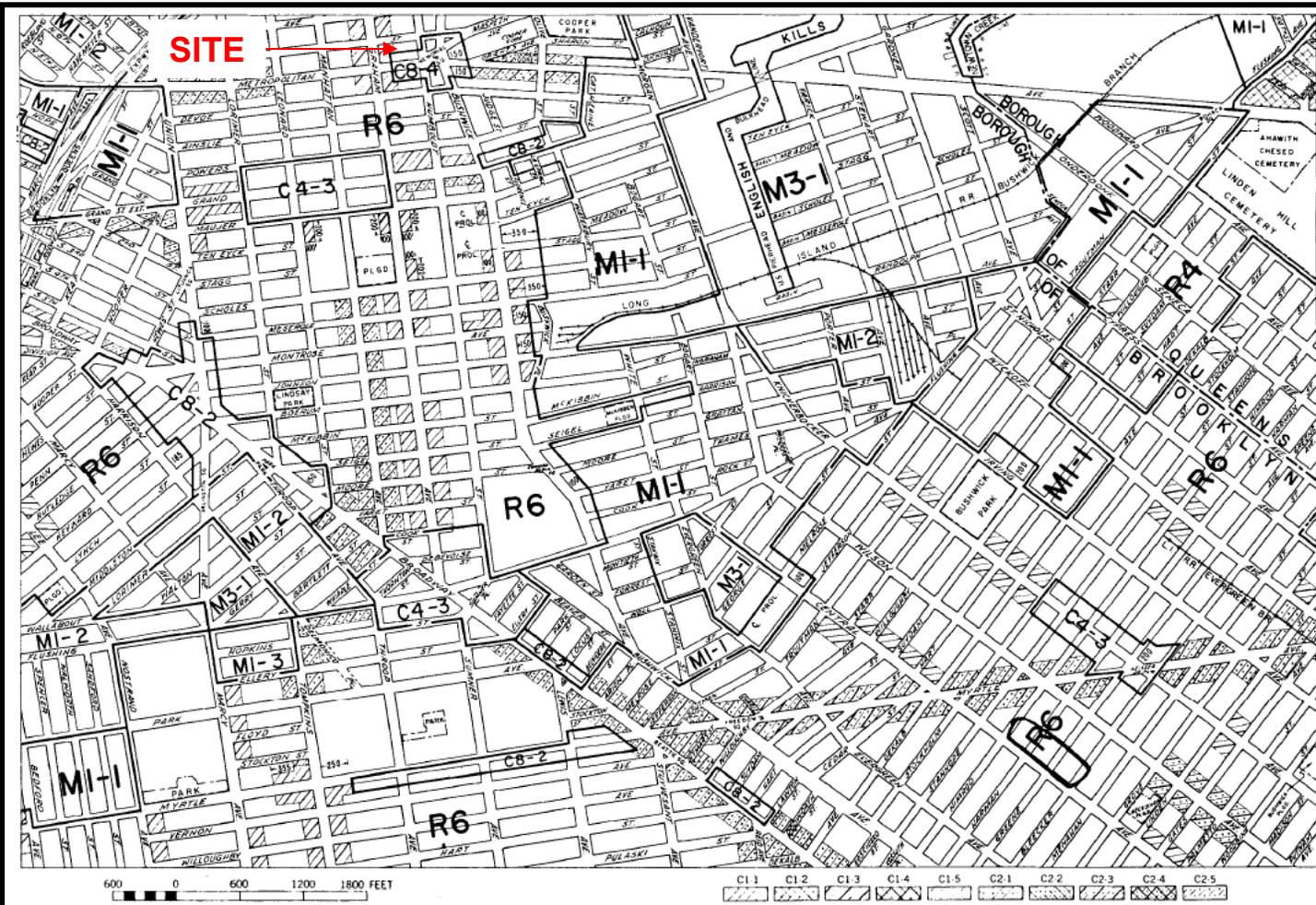
SITE NA E: 771-781 Metropolitan Avenue  
ST EET A ESS: 771-781 Metropolitan Avenue  
NICI ALITY STATE I : Brooklyn, NY 11211



*Environmental Business Consultants*

Phone 631.504.6000  
Fax 631.924.2870





13b

**ZONING MAP**  
CITY PLANNING COMMISSION  
THE CITY OF NEW YORK



12c	13a	13c
12d	<b>13b</b>	13d
16c	17a	17c

EFFECTIVE: DECEMBER 15, 1961

COPYRIGHTED BY THE CITY OF NEW YORK

**I E I S T O I C O N I N A**



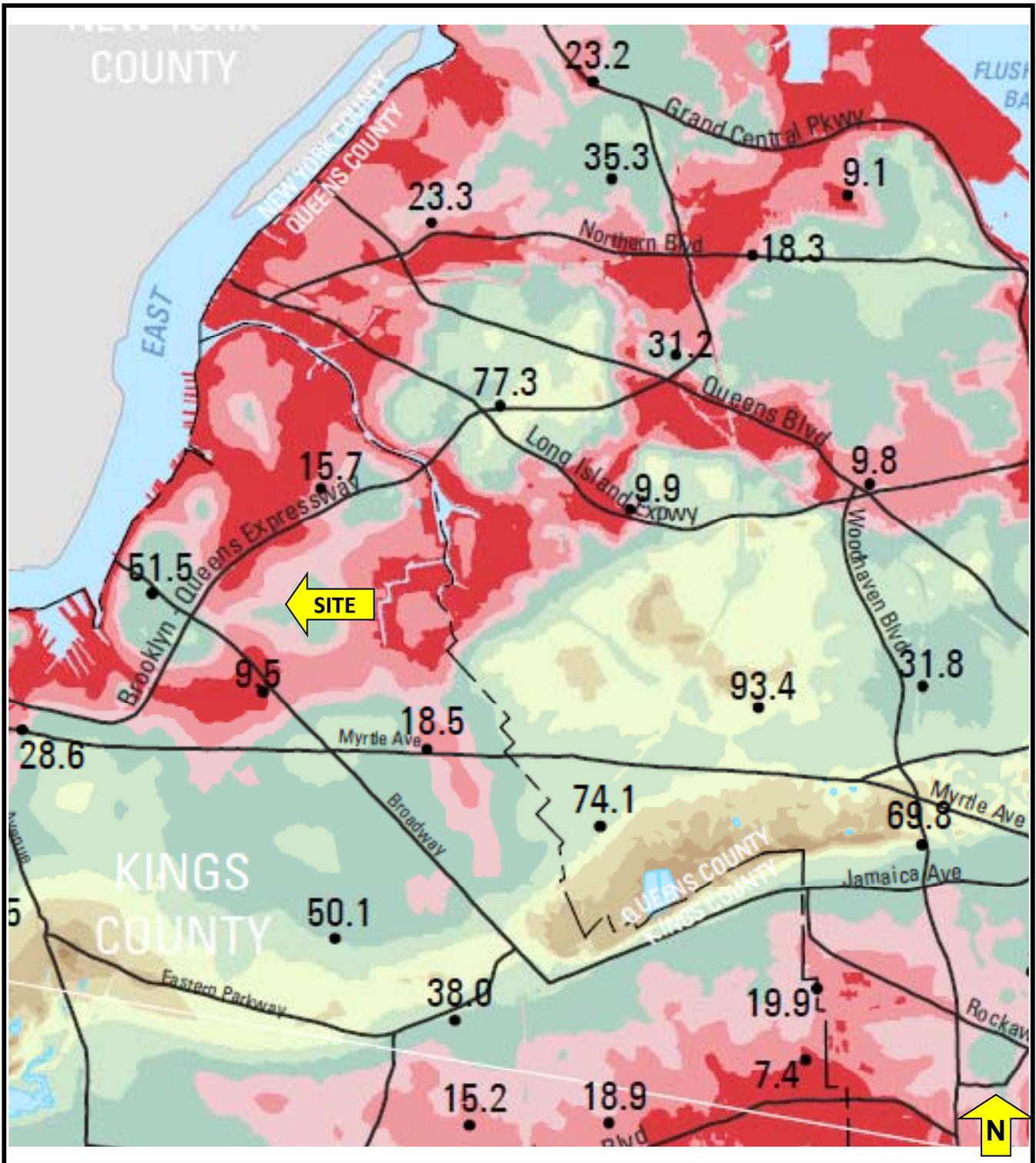
**SITE NAME:** 771-781 Metropolitan Avenue.  
**STREET ADDRESS:** 771-781 Metropolitan Avenue.  
**MUNICIPALITY:** Brooklyn, NY 11211

Source: New York City Department of City Planning - 1961



Phone 631.504.6000  
Fax 631.924.2870

*Environmental Business Consultants*



I E A T E T A L E A



Phone 631.504.6000  
Fax 631.924.2870

Environmental Business Consultants

SITE NAME: 771-781 Metropolitan Avenue  
STREET ADDRESS: 771-781 Metropolitan Avenue  
LOCALITY STATE ZIP: Brooklyn, NY 11211

Scale: USGS - 2009

**APPENDIX A**  
**SITE PHOTOGRAPHS**



Photo 1 – View of the Site facing northwest from the corner of Metropolitan Avenue and Humboldt Street.

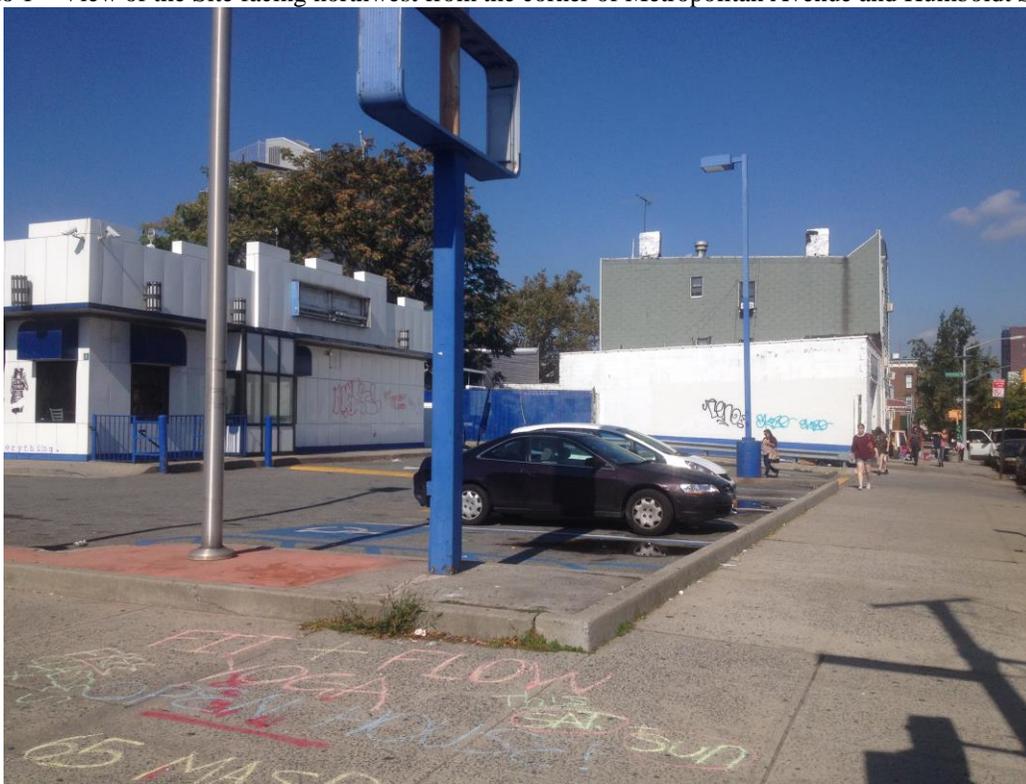


Photo 2-View of the Site facing northeast from the corner of Metropolitan Avenue and Humboldt Street.



Photo 3 – View of the Site facing northeast from Metropolitan Avenue.



Photo 4 – Inside view of building on Site, vacant White Castle restaurant (785 Metropolitan Avenue).



Photo 5 – Inside view of building on Site, vacant clothing store (771 Metropolitan Avenue).



Photo 6 – Inside view of vacant clothing store floor with rectangular areas filled in (771 Metropolitan Avenue).

## ADJACENT PROPERTIES



Photo 1 – View of buildings south of Metropolitan Avenue (365 Humboldt Street and 780 Metropolitan Avenue)



Photo 2 - View of building located on the south side of Metropolitan Avenue (780 Metropolitan Avenue).



Photo 3 - View of residential building located on the south side of Metropolitan Avenue (778 Metropolitan Avenue)



Photo 4 -View of residential buildings located on the south side of Metropolitan Avenue (774 & 772 Metropolitan Avenue).



Photo 5 – View of adjacent building to the west of the Site (769 Metropolitan Avenue)



Photo 6 – View of adjacent building to the west of the Site (765 Metropolitan Avenue).



Photo 7- View of building located east of Humboldt Street (1 Maspeth Avenue).



Photo 8- View of open space and parking lot east of Humboldt Street (1 Maspeth Avenue).



Photo 9- View of building located southeast of the Site on the corner of Metropolitan Avenue and Humboldt Street.

**APPENDIX B**  
**LOCAL AGENCY INFORMATION**



[CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings

**O**

**ET O OLITAN A EN E**  
 METROPOLITAN AVENUE 771 - 775

**OOKLYN 2**

**IN 2**

<b>A</b>	:	800	<b>T</b>	:	2760
<b>C T</b>	:	497	<b>T L</b>	:	35
<b>C</b>	:	301	<b>C</b>	:	NO
<b>L</b>	:	1		:	NO

**C A**

**C**

**IS A**

**C**

**O**

**C S** : GRAHAM AVENUE, HUMBOLDT STREET

**O S N** :

<b>L S</b> :		<b>S S</b> :	N/A
<b>L L</b> :	NO	<b>L L</b> :	NO
<b>S O</b> :	NO	<b>TA</b> :	NO
	NO		
<b>E</b> :	HAZMAT	<b>S</b> :	NO
<b>L A</b> :	NO	<b>C O</b> :	NO
<b>A IN</b> :	<a href="#">3068758</a>		

**S** : UNKNOWN

**T T C E**  
**A** [Click here for more information](#)

**C** : K9-STORE BUILDING

**N** : 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.

<b>C</b>	1	0	<b>E</b>
<b>O</b>	2	0	<b>E A</b>
<b>EC O</b>	2	0	<b>I S A</b>
	13		<b>I</b>
<b>A A LAA</b>	0		<b>O T</b>
<b>T</b>	13		<b>A</b>
<b>A</b>	27		<b>E I</b>
<b>O E A T</b> :			<b>C I</b>
<b>O S L</b> : Select...			<b>A</b>

**AN**

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.



[CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings

**O**

**ET O OLITAN A EN E**

**OOKLYN 2**

**IN**

HUMBOLDT STREET 367 - 375  
 METROPOLITAN AVENUE 777 - 787

**A** : 800  
**T** : 497  
**C** : 301  
**L** : 1

**T** : 2760  
**T L** : 28  
**C** : NO  
**C** : NO

**C A**

**C**

**IS A**

**C**

**O**

**C S** : GRAHAM AVENUE, HUMBOLDT STREET

**O S N** :  
**O** :

**L S** :  
**L L** : NO  
**S O** : NO  
 : NO  
**E** : HAZMAT/NOISE/AIR  
**L A** : NO  
**A IN** : NONE

**S S** : N/A  
**L L** : NO  
**TA** : NO  
**S** : NO  
**C O** : NO

**S** : UNKNOWN

**T T C E**  
**A** [Click here for more information](#)

**C** : K5-STORE BUILDING

**N** : 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.

	<b>T</b>	<b>O</b>	<b>E</b>
<b>C</b>	2	1	<b>E A</b>
<b>O</b>	0	0	<b>I I</b>
<b>EC O</b>	0	0	<b>I S A</b>
	3		<b>I</b>
<b>A A LAA</b>	1		<b>O T</b>
<b>T</b>	4		<b>A</b>
<b>A</b>	33		<b>E I</b>
<b>O E A T</b> :			<b>C I</b>
<b>O S L</b> : Select...			<b>A</b>

**AN**

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.

**APPENDIX C**  
**SANBORN MAPS**



**771 Metropolitan Ave**

771 Metropolitan Ave

Brooklyn, NY 11211

Inquiry Number: 4109065.3

October 19, 2014

## Certified Sanborn® Map Report



6 Armstrong Road, 4th Floor  
Shelton, Connecticut 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

10/19/14

**Site Name:**

771 Metropolitan Ave  
771 Metropolitan Ave  
Brooklyn, NY 11211

**Client Name:**

Env. Business Consultants  
1808 Middle Country Road  
Ridge, NY 11961



EDR Inquiry # 4109065.3

Contact: Chawine Miller

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Env. Business Consultants were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

### Certified Sanborn Results:

**Site Name:** 771 Metropolitan Ave  
**Address:** 771 Metropolitan Ave  
**City, State, Zip:** Brooklyn, NY 11211  
**Cross Street:**  
**P.O. #** NA  
**Project:** NA  
**Certification #** C9CF-4589-9F70



Sanborn® Library search results  
Certification # C9CF-4589-9F70

**Maps Provided:**

2007	2001	1993	1986	1978
2006	1996	1991	1983	1977
2005	1995	1990	1982	1968
2004	1994	1989	1981	1965
2003	1993-Jan	1988	1980	1951
2002	1993-Dec	1987	1979	1942

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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## Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 2007 Source Sheets



Volume 4, Sheet 26



Volume 4, Sheet 23



Volume 9, Sheet 23

### 2006 Source Sheets



Volume 9, Sheet 23



Volume 4, Sheet 23



Volume 4, Sheet 26

### 2005 Source Sheets



Volume 4, Sheet 23



Volume 4, Sheet 26



Volume 9, Sheet 23

### 2004 Source Sheets



Volume 4, Sheet 23



Volume 4, Sheet 26



Volume 9, Sheet 23

**2003 Source Sheets**



Volume 9, Sheet 23



Volume 9, Sheet 24



Volume 4, Sheet 23



Volume 4, Sheet 26

**2002 Source Sheets**



Volume 4, Sheet 23



Volume 4, Sheet 26



Volume 9, Sheet 23

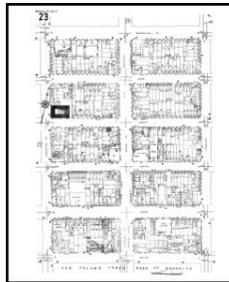
**2001 Source Sheets**



Volume 9, Sheet 23



Volume 4, Sheet 26



Volume 4, Sheet 23

**1996 Source Sheets**



Volume 4, Sheet 26



Volume 4, Sheet 23

**1995 Source Sheets**



Volume 9, Sheet 23



Volume 4, Sheet 23



Volume 4, Sheet 26

**1994 Source Sheets**



Volume 9, Sheet 23

**1993-Jan Source Sheets**



Volume 9, Sheet 23

**1993-Dec Source Sheets**



Volume 9, Sheet 23

**1993 Source Sheets**



Volume 4, Sheet 23



Volume 4, Sheet 26

**1991 Source Sheets**



Volume 9, Sheet 23



Volume 4, Sheet 23



Volume 4, Sheet 26

**1990 Source Sheets**



Volume 9, Sheet 23

**1989 Source Sheets**



Volume 9, Sheet 23



Volume 4, Sheet 23



Volume 4, Sheet 26

**1988 Source Sheets**



Volume 4, Sheet 23



Volume 4, Sheet 26



Volume 9, Sheet 23

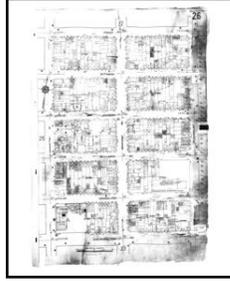
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Volume 9, Sheet 23

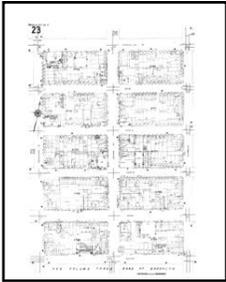


Volume 4, Sheet 23



Volume 4, Sheet 26

**1986 Source Sheets**



Volume 4, Sheet 23



Volume 4, Sheet 26

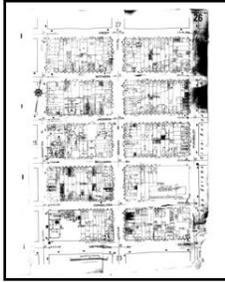


Volume 9, Sheet 23

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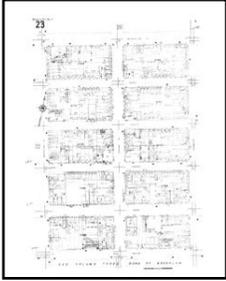


Volume 4, Sheet 23



Volume 4, Sheet 26

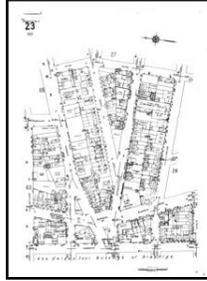
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Volume 4, Sheet 23



Volume 4, Sheet 26



Volume 9, Sheet 23

**1981 Source Sheets**



Volume 4, Sheet 23



Volume 4, Sheet 26

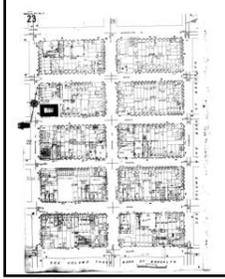


Volume 9, Sheet 23

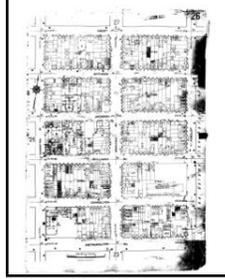
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Volume 9, Sheet 23

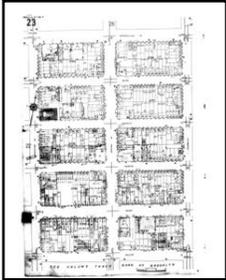


Volume 4, Sheet 23

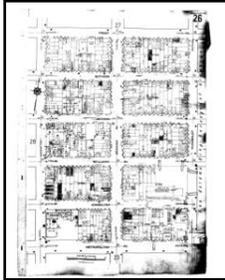


Volume 4, Sheet 26

**1979 Source Sheets**



Volume 4, Sheet 23



Volume 4, Sheet 26



Volume 9, Sheet 23

**1978 Source Sheets**



Volume 4, Sheet 23



Volume 4, Sheet 26

**1977 Source Sheets**



Volume 9, Sheet 23

**1968 Source Sheets**

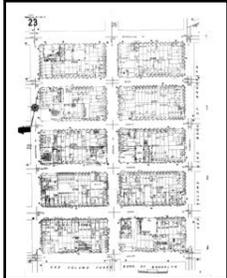


Volume 9, Sheet 23

**1965 Source Sheets**



Volume 9, Sheet 23



Volume 4, Sheet 23



Volume 4, Sheet 26

**1951 Source Sheets**



Volume 9, Sheet 23



Volume 4, Sheet 23



Volume 4, Sheet 26

**1942 Source Sheets**



Volume 4, Sheet 23



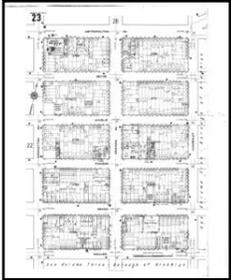
Volume 4, Sheet 26

**1933 Source Sheets**



Volume 9, Sheet 23

**1916 Source Sheets**



Volume 4, Sheet 23



Volume 4, Sheet 26

**1907 Source Sheets**



Volume 9, Sheet 61



Volume 9, Sheet 62

**1905 Source Sheets**



Volume 4, Sheet 23



Volume 4, Sheet 26

**1888 Source Sheets**



Volume 9, Sheet 238



Volume 9, Sheet 241

**1887 Source Sheets**



Volume 4, Sheet 107



Volume 4, Sheet 110

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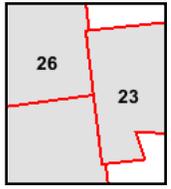
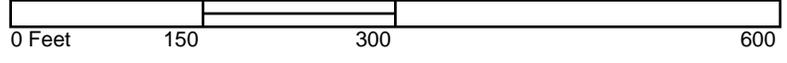
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C9CF-4589-9F70

Site Name: 771 Metropolitan Ave  
 Address: 771 Metropolitan Ave  
 City, ST, ZIP: Brooklyn NY 11211  
 Client: Env. Business Consultants  
 EDR Inquiry: 4109065.3  
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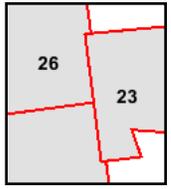
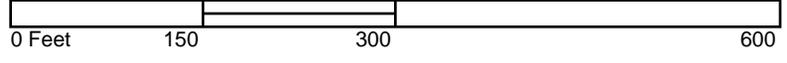
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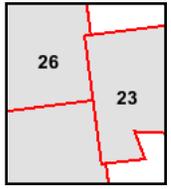
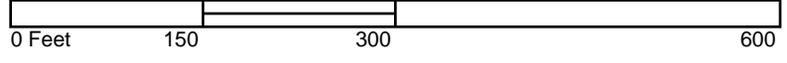
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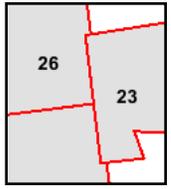
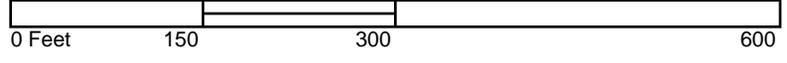
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- Volume 9, Sheet 23



# 2003 Certified Sanborn Map



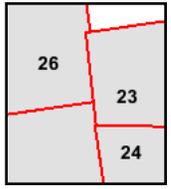
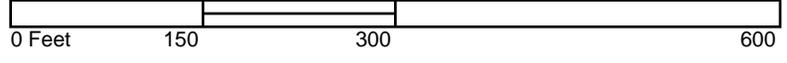
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- Volume 4, Sheet 23
- Volume 4, Sheet 26



# 2002 Certified Sanborn Map



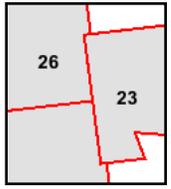
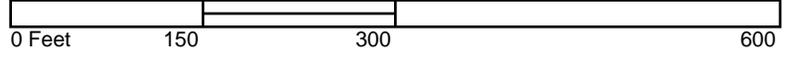
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- Volume 9, Sheet 23



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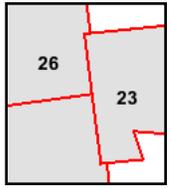
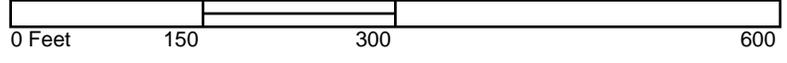
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 Address: 771 Metropolitan Ave  
 City, ST, ZIP: Brooklyn NY 11211  
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- Volume 4, Sheet 23



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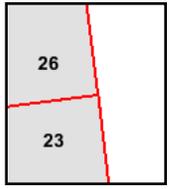
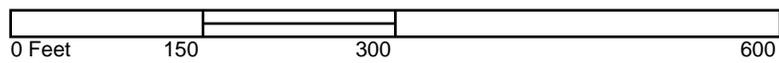


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 Volume 4, Sheet 23



# 1995 Certified Sanborn Map



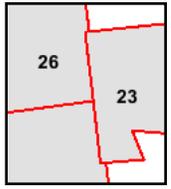
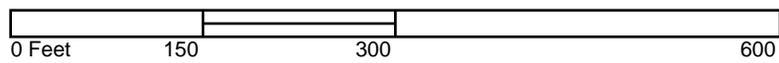
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 Volume 4, Sheet 26



# 1994 Certified Sanborn Map

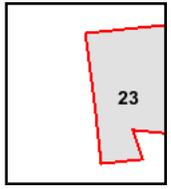
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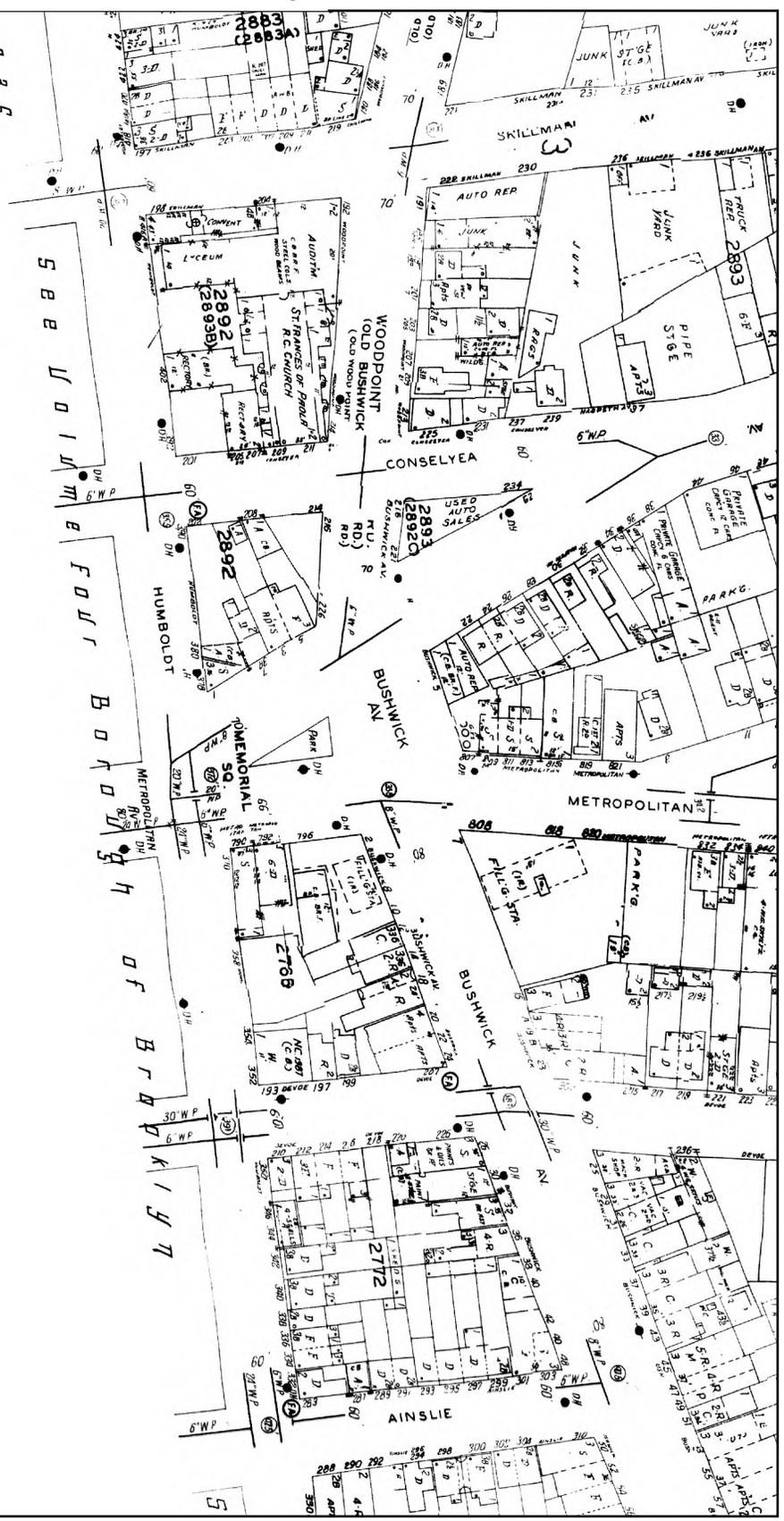
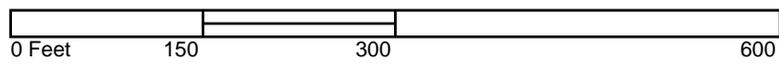
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Volume 9, Sheet 33



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(6-0) BROOKLYN, N.Y. VOL. 9

# 23

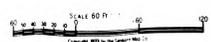
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BROOKLYN, N.Y. VOL. 9  
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(61)

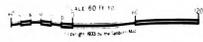


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23

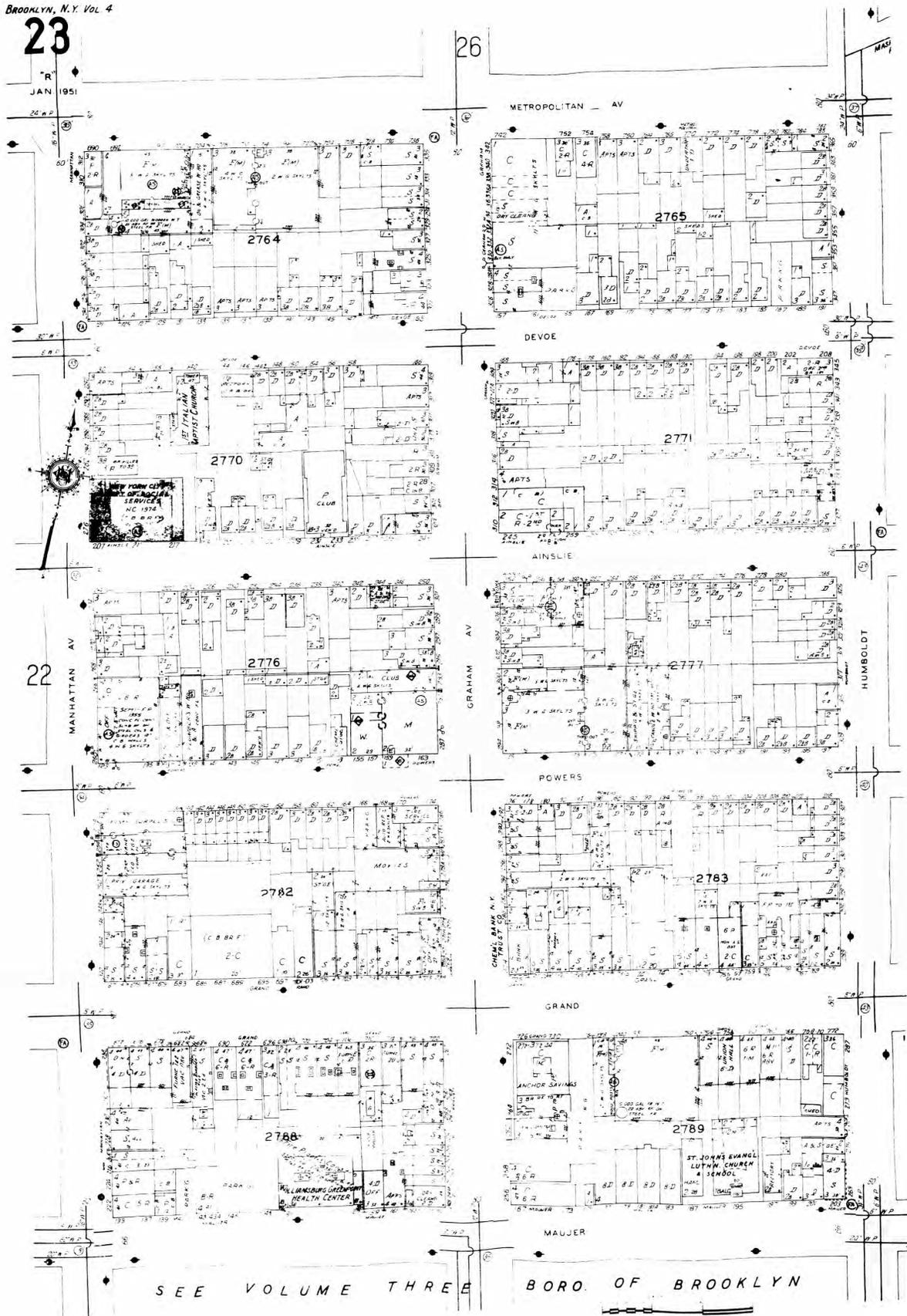
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26

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26

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# 1991 Certified Sanborn Map



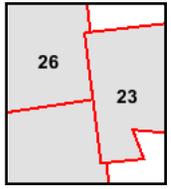
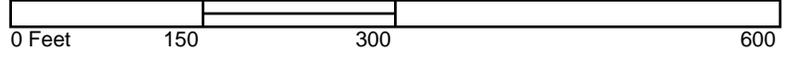
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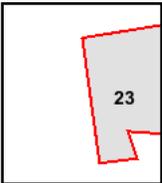
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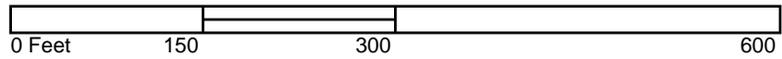
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# 1989 Certified Sanborn Map



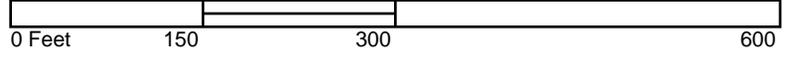
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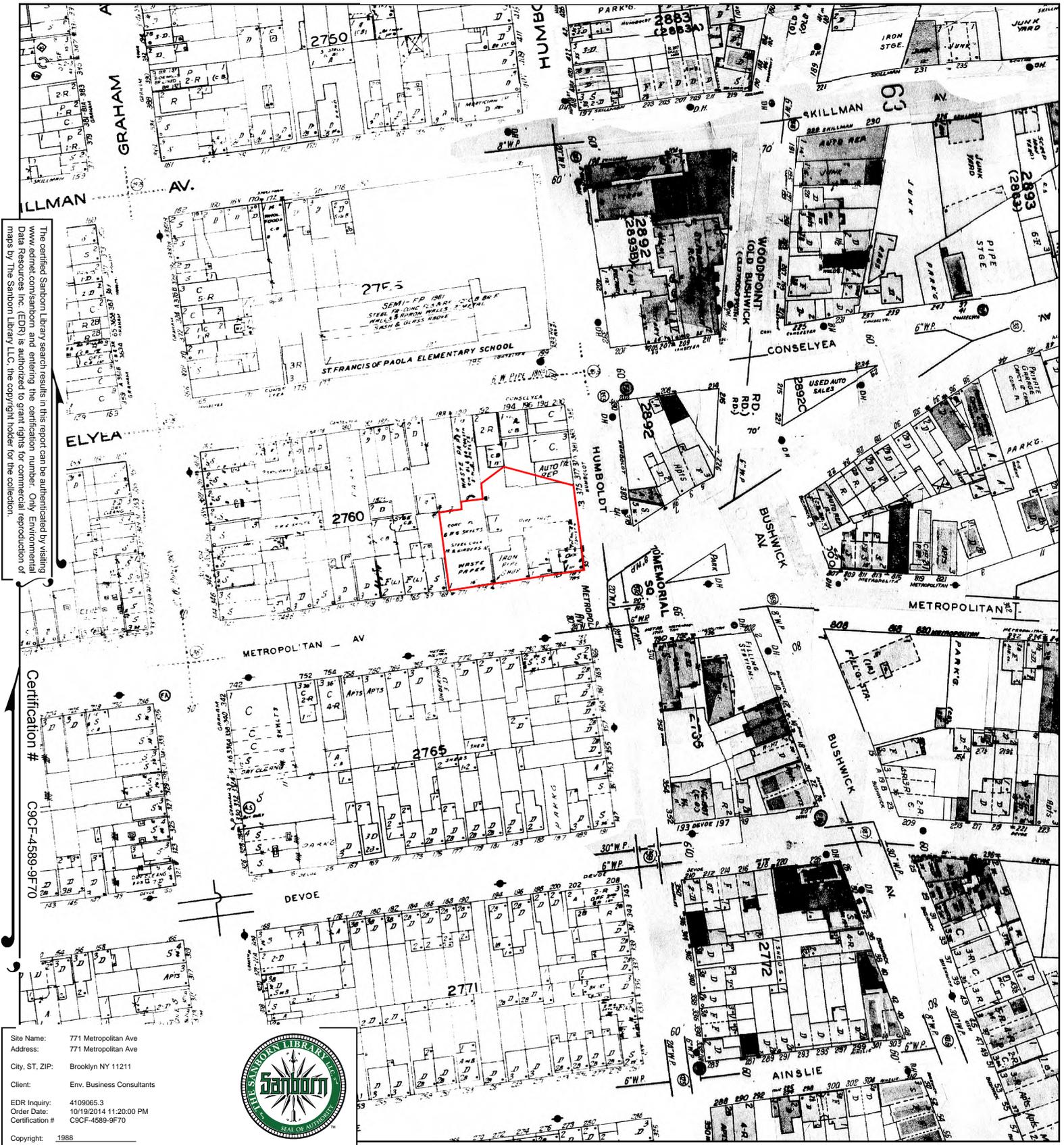
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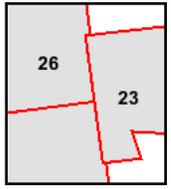
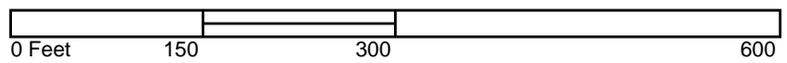
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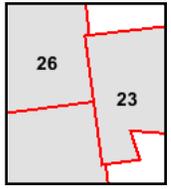
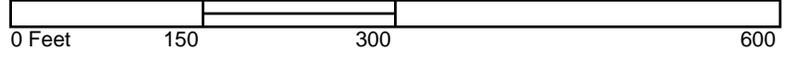
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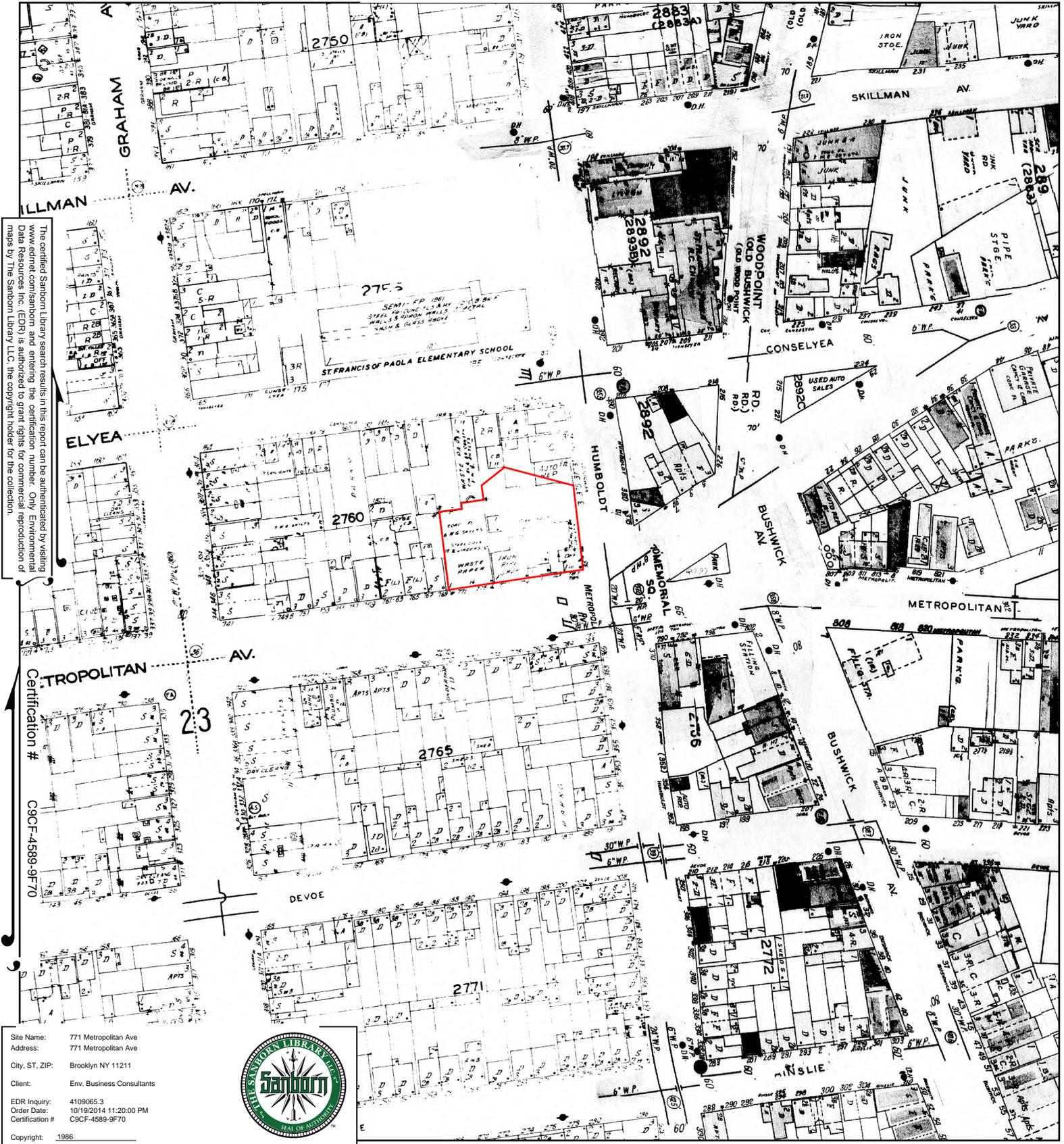
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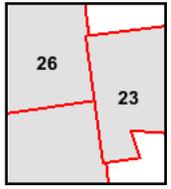
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# 1983 Certified Sanborn Map



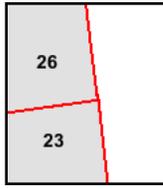
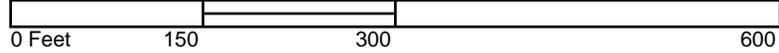
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# 1982 Certified Sanborn Map

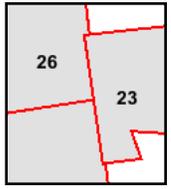
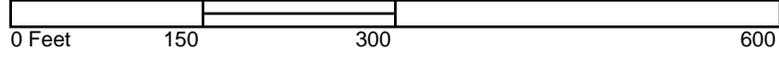
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# 1981 Certified Sanborn Map

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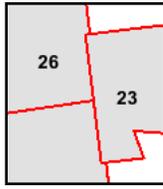
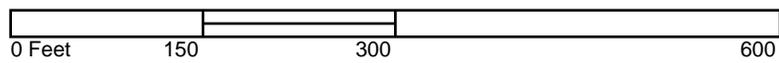
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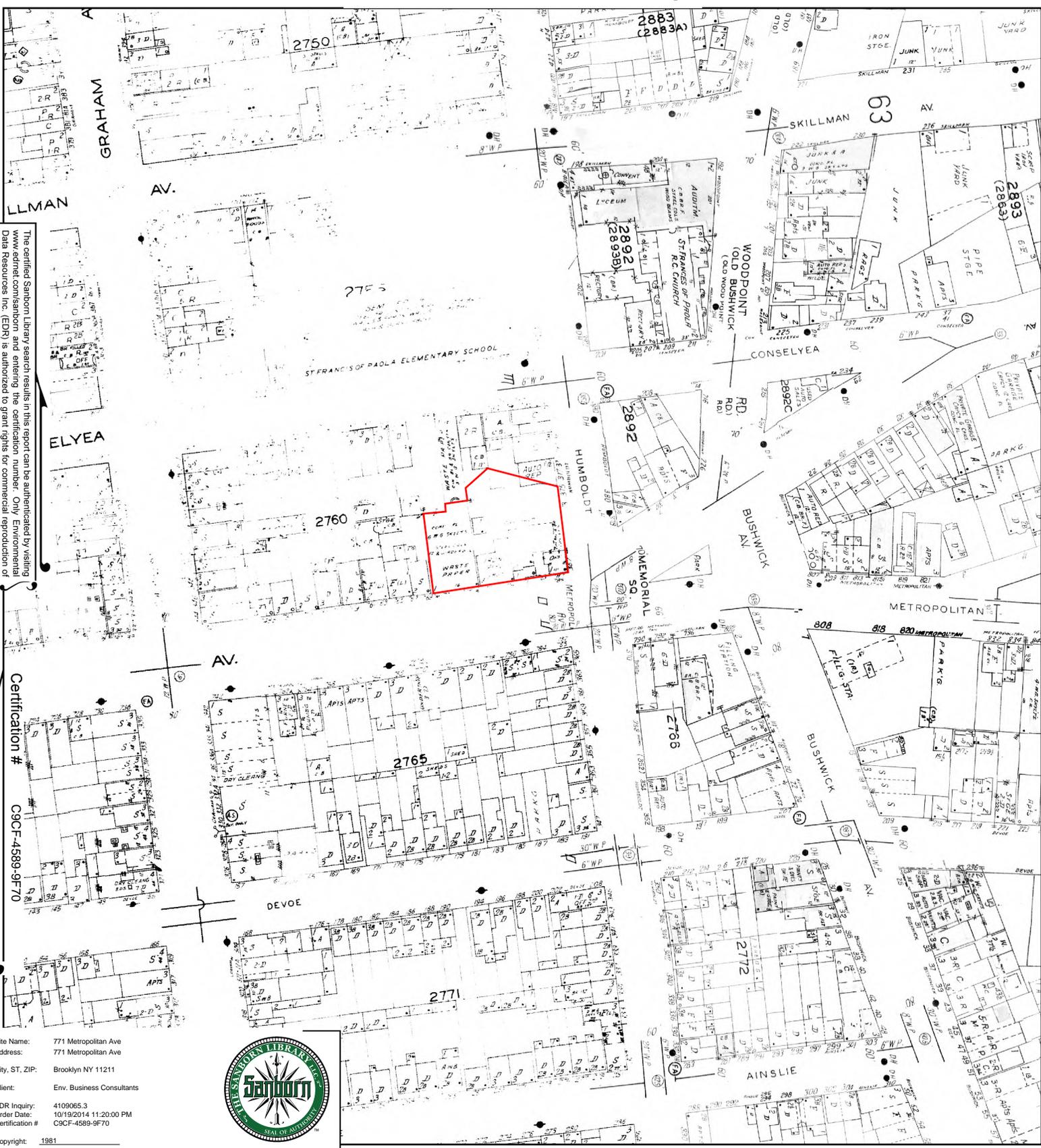


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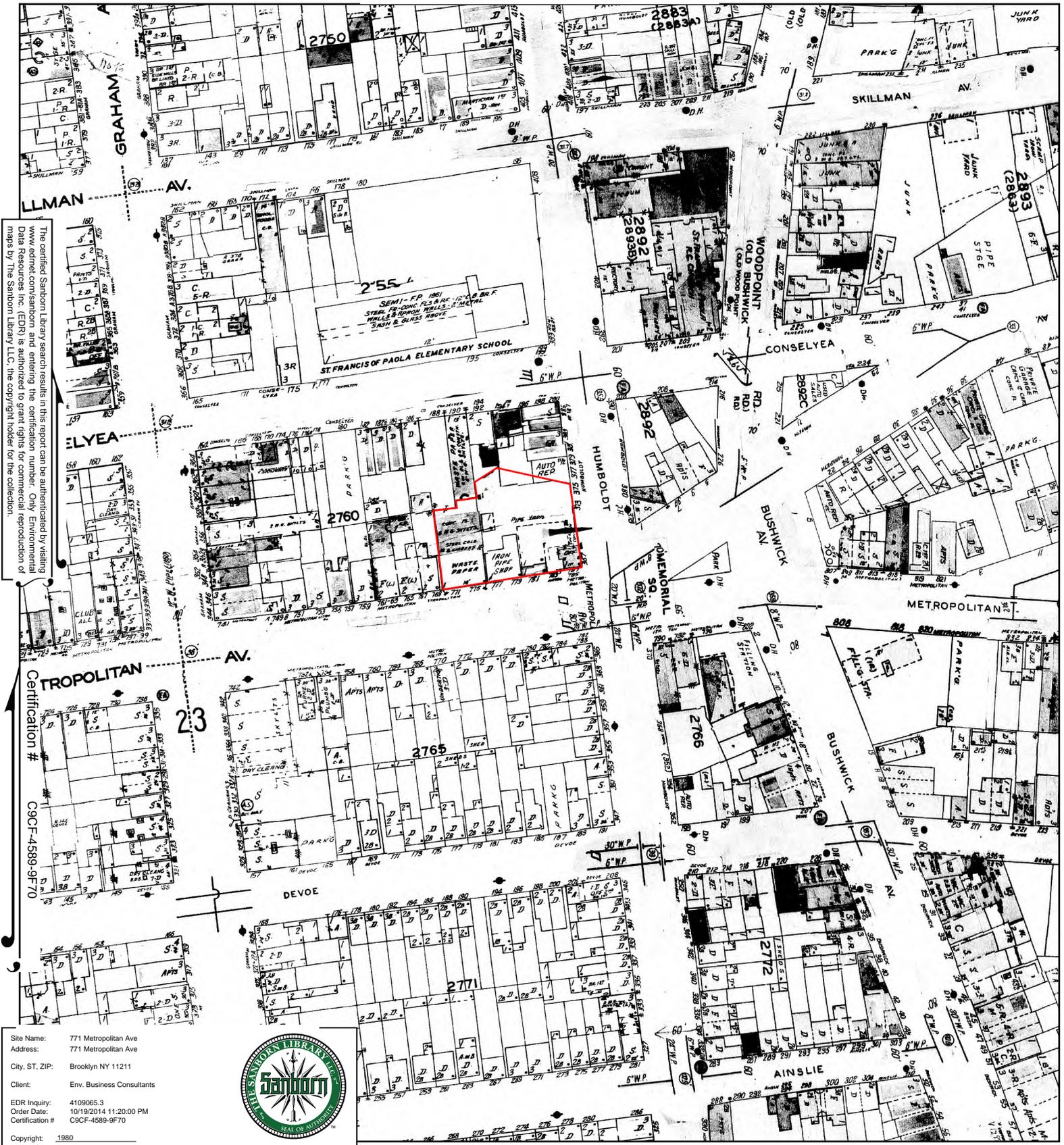
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# 1980 Certified Sanborn Map



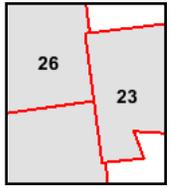
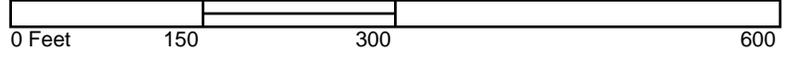
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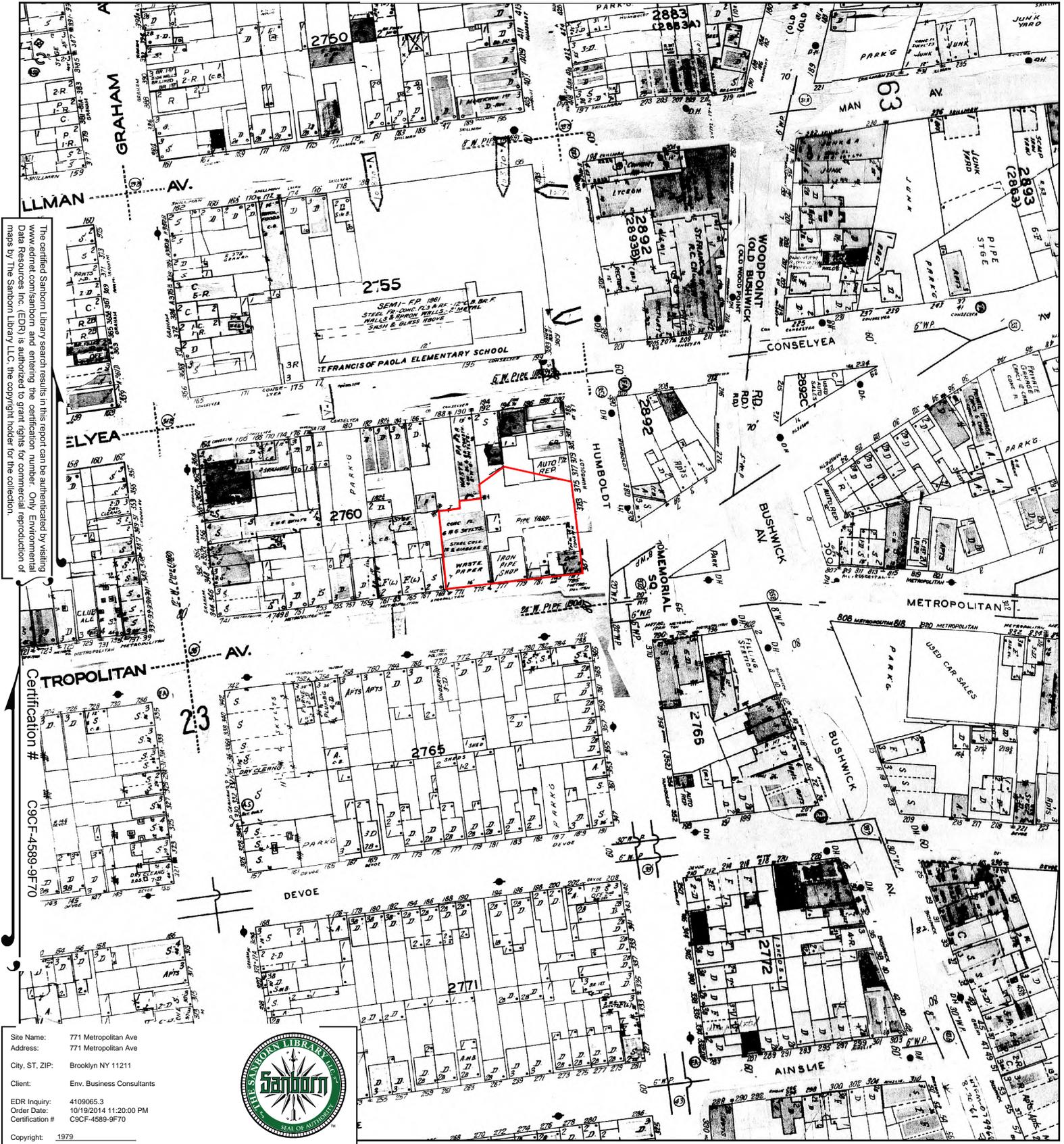
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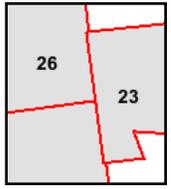
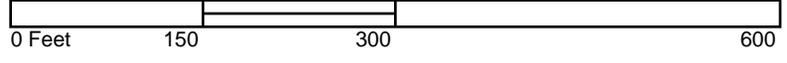
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# 1978 Certified Sanborn Map



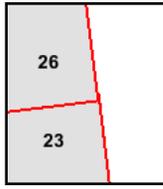
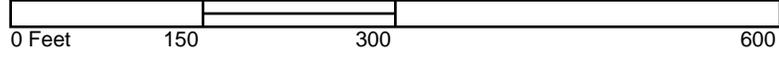
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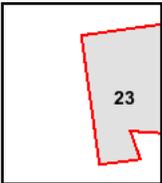
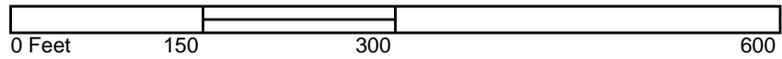
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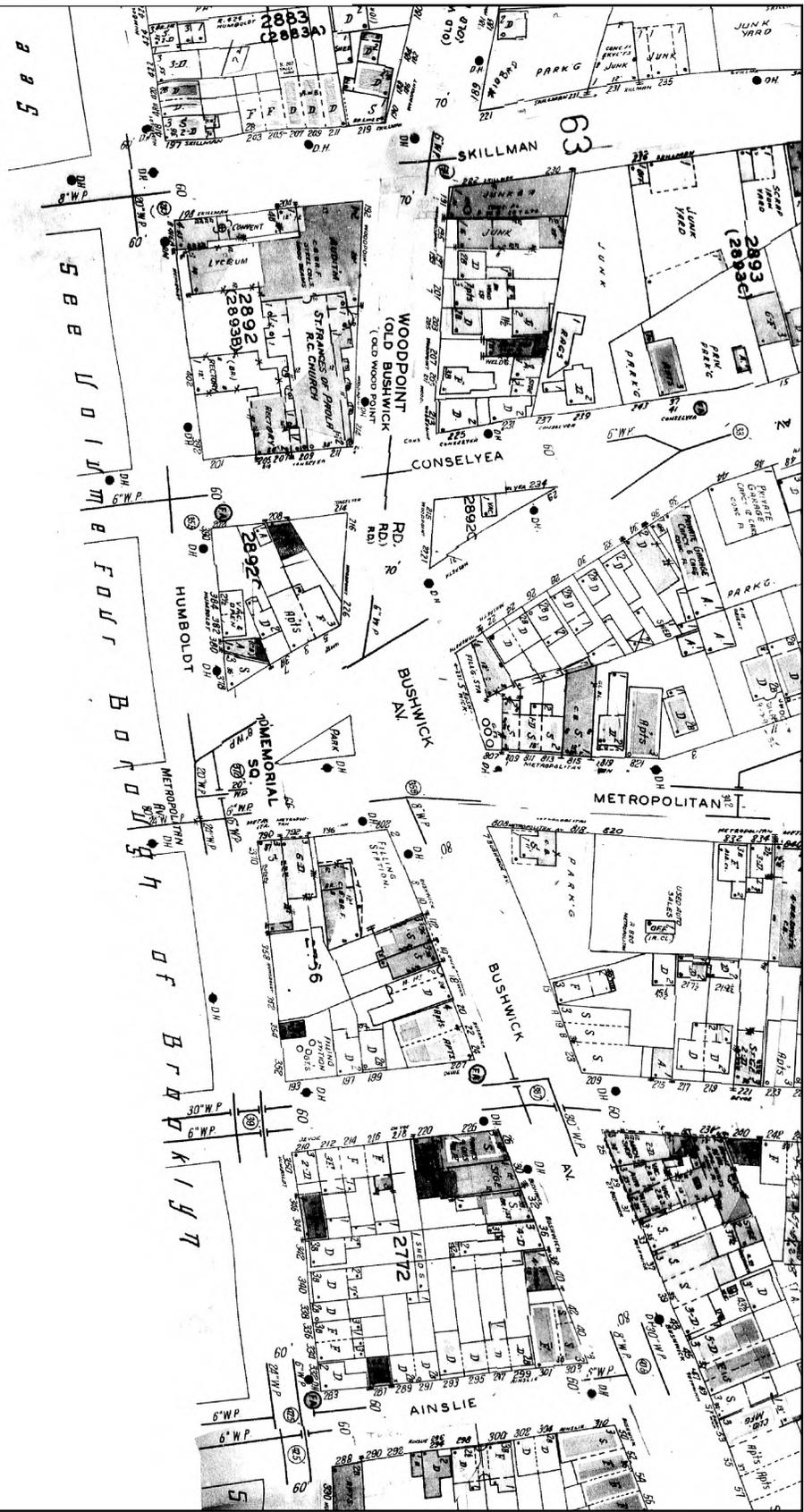
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# 1968 Certified Sanborn Map



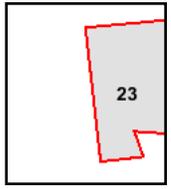
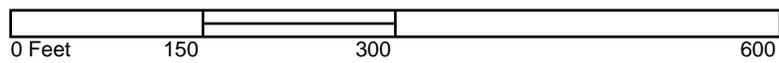
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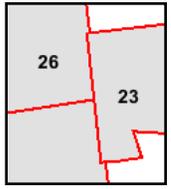
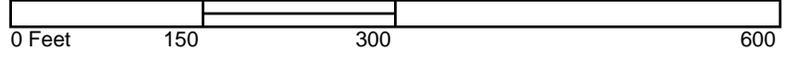
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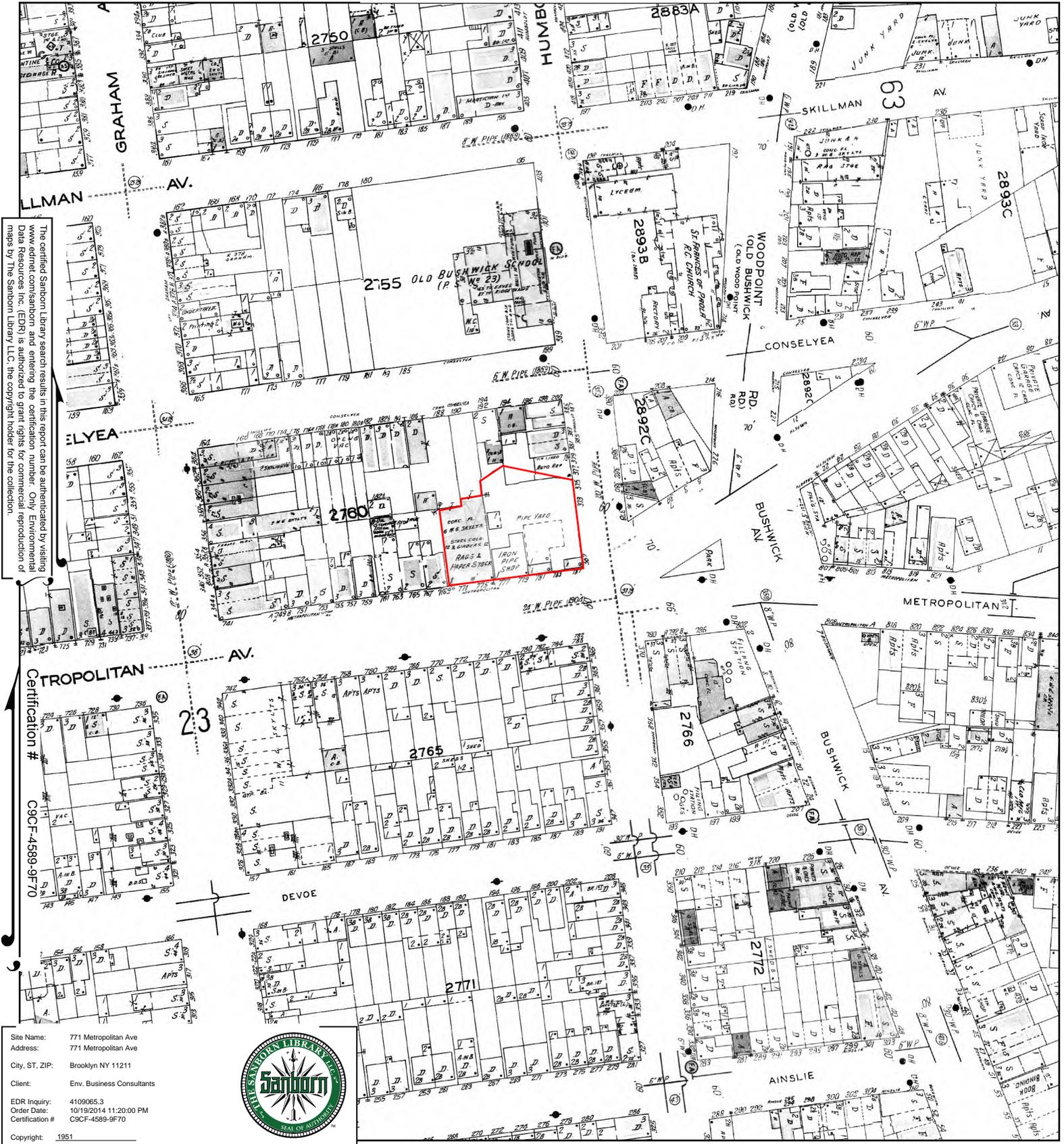
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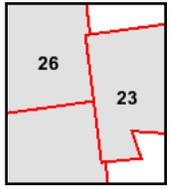
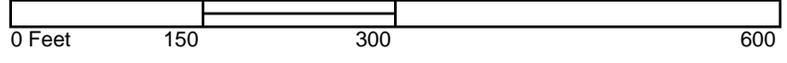
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Site Name: 771 Metropolitan Ave  
 Address: 771 Metropolitan Ave  
 City, ST, ZIP: Brooklyn NY 11211  
 Client: Env. Business Consultants  
 EDR Inquiry: 4109065.3  
 Order Date: 10/19/2014 11:20:00 PM  
 Certification #: COCF-4589-9F70  
 Copyright: 1951

This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



- Volume 9, Sheet 23
- Volume 4, Sheet 23
- Volume 4, Sheet 26



# 1942 Certified Sanborn Map



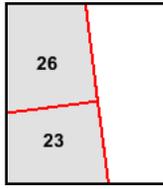
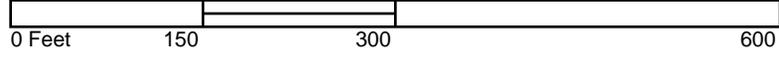
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Site Name: 771 Metropolitan Ave  
 Address: 771 Metropolitan Ave  
 City, ST, ZIP: Brooklyn NY 11211  
 Client: Env. Business Consultants  
 EDR Inquiry: 4109065.3  
 Order Date: 10/19/2014 11:20:00 PM  
 Certification #: C9CF-4589-9F70  
 Copyright: 1942



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Volume 4, Sheet 23  
 Volume 4, Sheet 26



# 1933 Certified Sanborn Map

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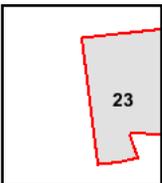
Certification # C9CF-4589-9F70

Site Name: 771 Metropolitan Ave  
 Address: 771 Metropolitan Ave  
 City, ST, ZIP: Brooklyn NY 11211  
 Client: Env. Business Consultants  
 EDR Inquiry: 4109065.3  
 Order Date: 10/19/2014 11:20:00 PM  
 Certification #: C9CF-4589-9F70

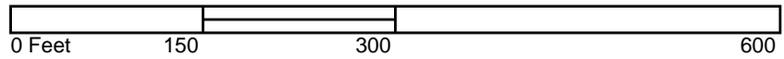
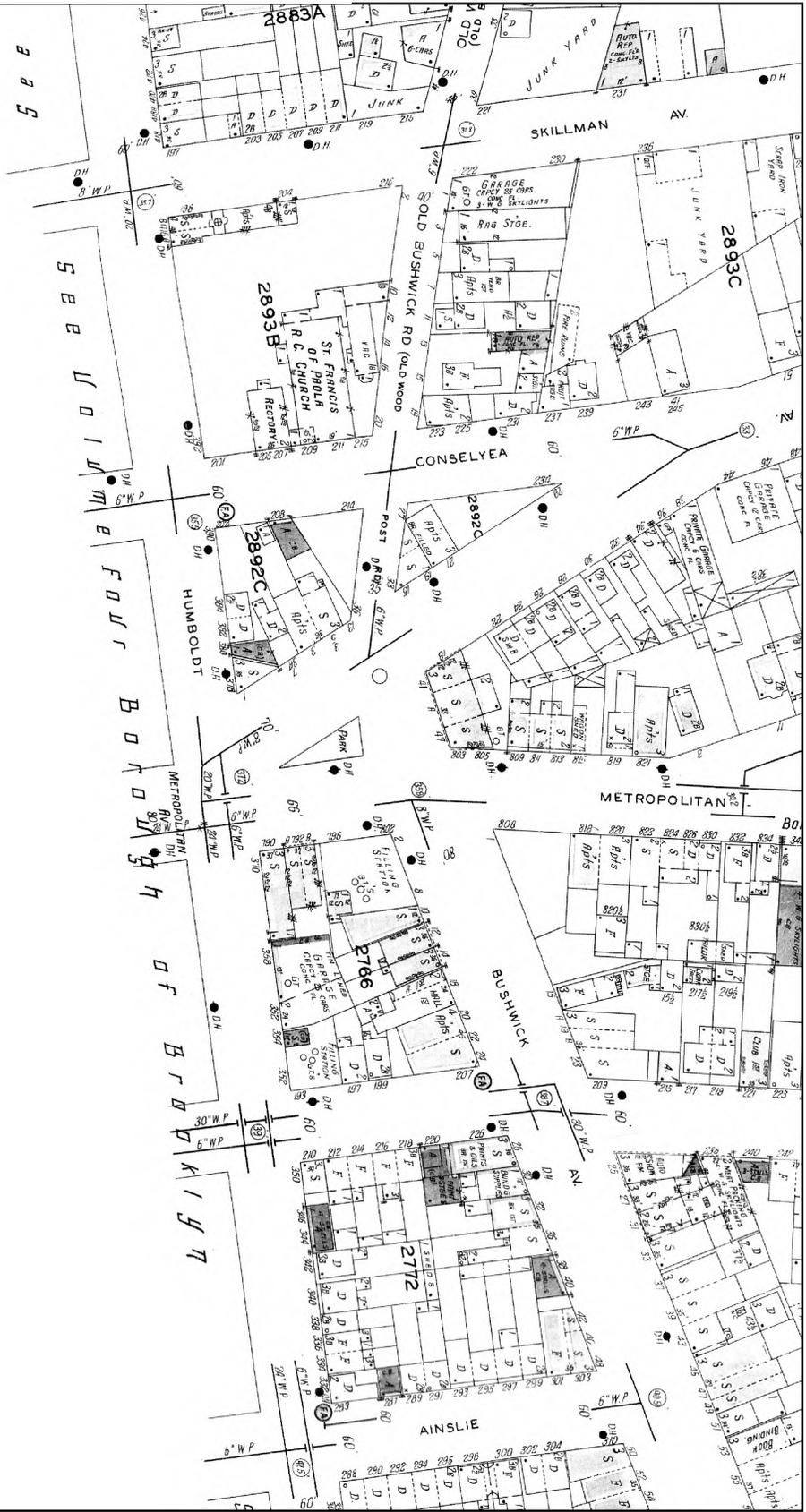
Copyright: 1933



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Volume 9, Sheet 23



# 1916 Certified Sanborn Map



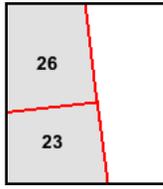
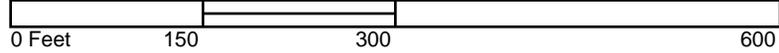
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Certification #  
COCF-4589-9F70

Site Name: 771 Metropolitan Ave  
 Address: 771 Metropolitan Ave  
 City, ST, ZIP: Brooklyn NY 11211  
 Client: Env. Business Consultants  
 EDR Inquiry: 4109065.3  
 Order Date: 10/19/2014 11:20:00 PM  
 Certification #: COCF-4589-9F70  
 Copyright: 1916



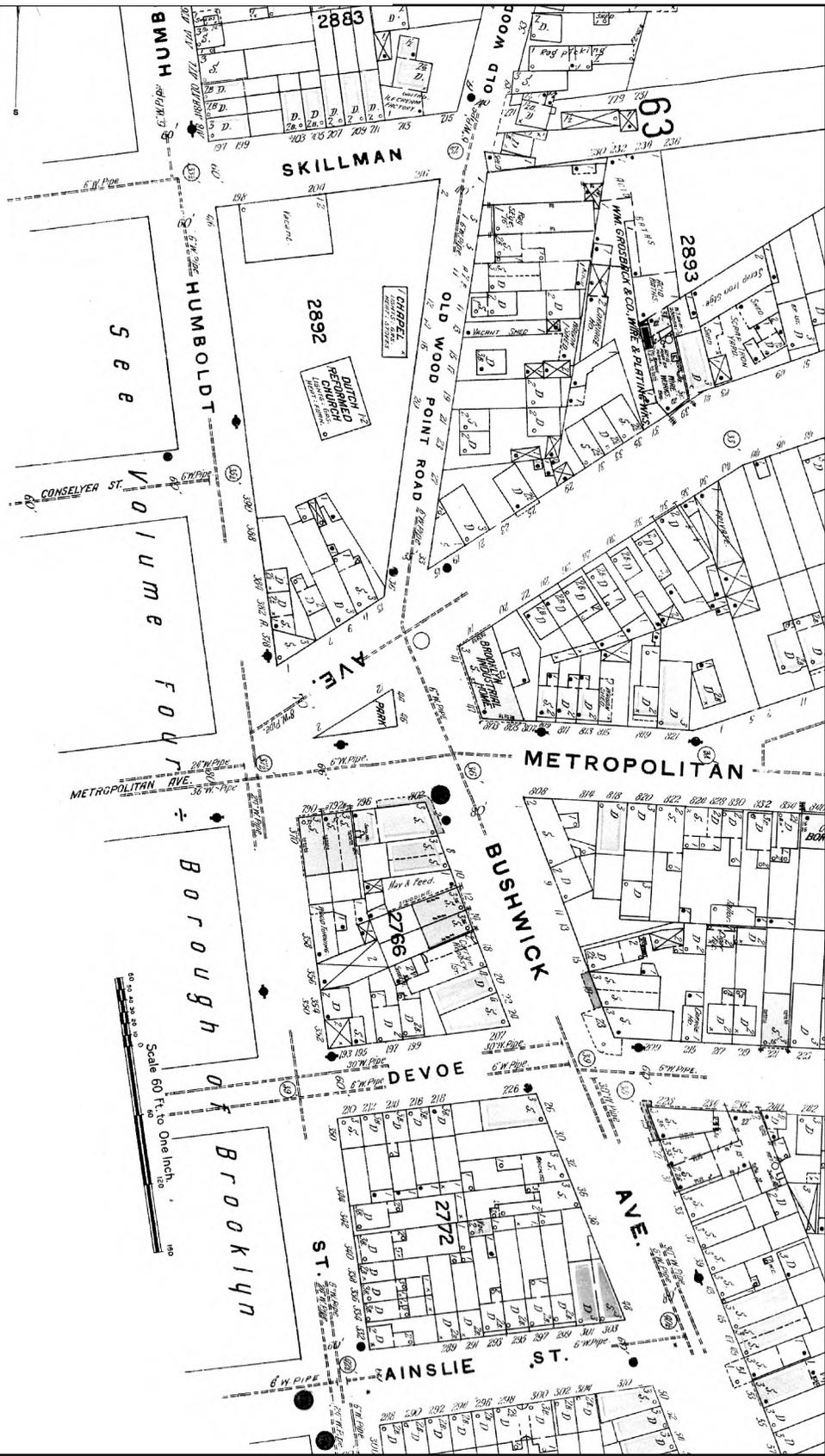
This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



Volume 4, Sheet 23  
 Volume 4, Sheet 26



# 1907 Certified Sanborn Map



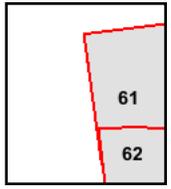
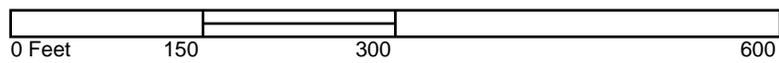
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # C9CF-4589-9F70

Site Name: 771 Metropolitan Ave  
 Address: 771 Metropolitan Ave  
 City, ST, ZIP: Brooklyn NY 11211  
 Client: Env. Business Consultants  
 EDR Inquiry: 4109065.3  
 Order Date: 10/19/2014 11:20:00 PM  
 Certification #: C9CF-4589-9F70  
 Copyright: 1907



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



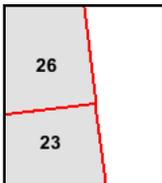
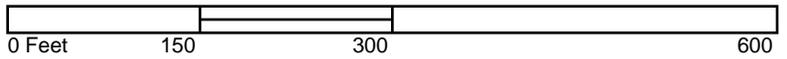
Volume 9, Sheet 61  
 Volume 9, Sheet 62



# 1905 Certified Sanborn Map



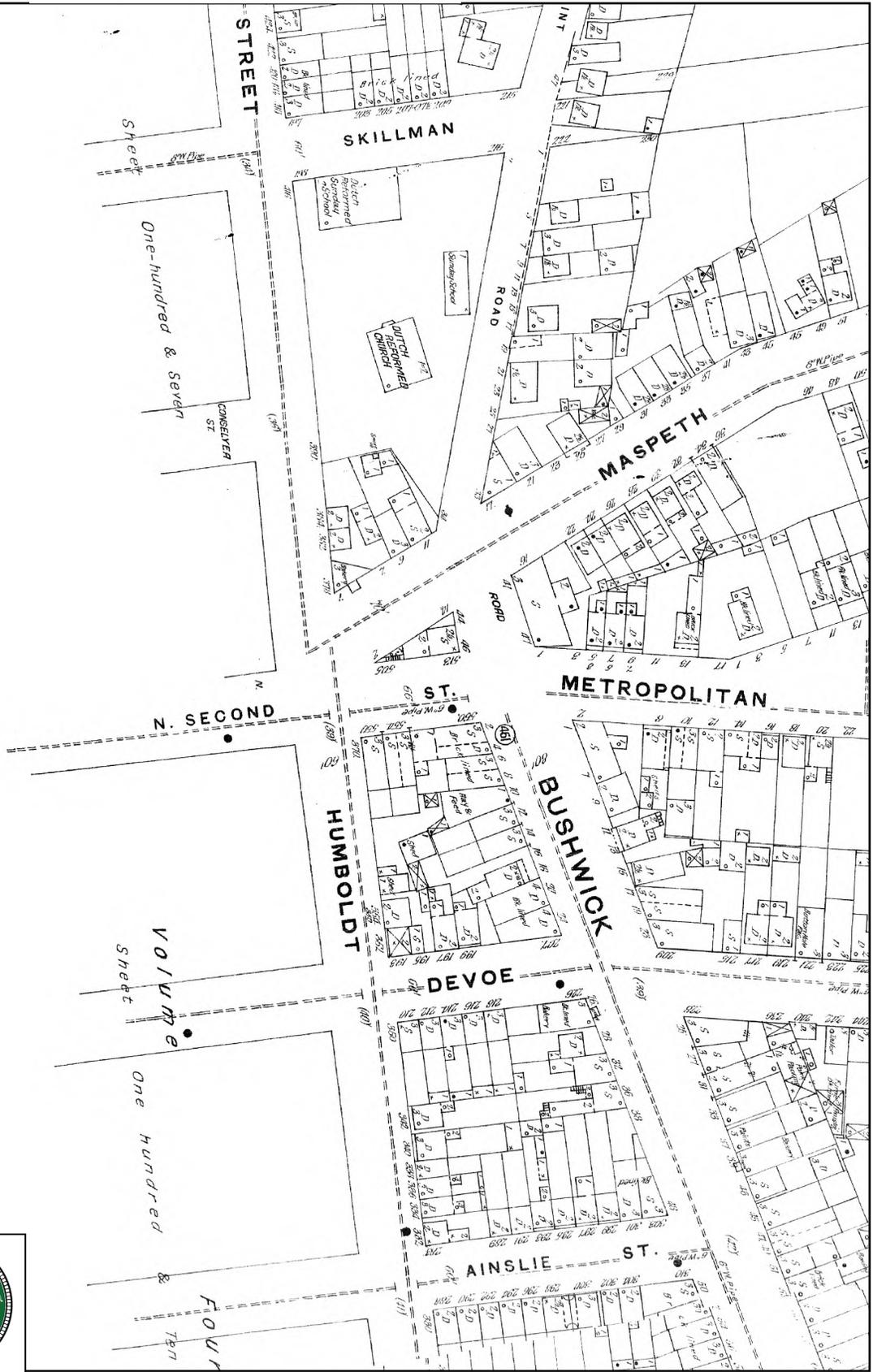
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Volume 4, Sheet 23  
 Volume 4, Sheet 26



# 1888 Certified Sanborn Map



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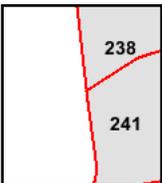
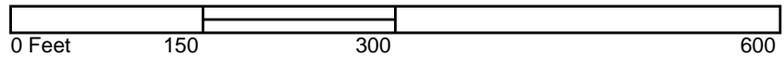
Certification # C9CF-4589-9F70

Site Name: 771 Metropolitan Ave  
 Address: 771 Metropolitan Ave  
 City, ST, ZIP: Brooklyn NY 11211  
 Client: Env. Business Consultants  
 EDR Inquiry: 4109065.3  
 Order Date: 10/19/2014 11:20:00 PM  
 Certification #: C9CF-4589-9F70



Copyright: 1888

This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 9, Sheet 238  
 Volume 9, Sheet 241



# 1887 Certified Sanborn Map



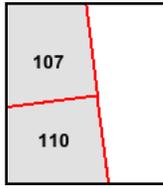
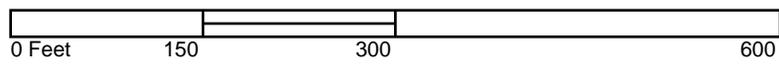
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 City, ST, ZIP: Brooklyn NY 11211  
 Client: Env. Business Consultants  
 EDR Inquiry: 4109065.3  
 Order Date: 10/19/2014 11:20:00 PM  
 Certification #: C9CF-4589-9F70  
 Copyright: 1887



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 4, Sheet 107  
 Volume 4, Sheet 110



**APPENDIX D**  
**HISTORIC CITY DIRECTORY SEARCH**

**771 Metropolitan Ave**

771 Metropolitan Ave  
Brooklyn, NY 11211

Inquiry Number: 4109065.5  
October 17, 2014

# The EDR-City Directory Abstract

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 100 feet of the target property.

A summary of the information obtained is provided in the text of this report.

### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2013	Cole Information Services	X	X	X	-
2008	Cole Information Services	-	X	X	-
2005	Hill-Donnelly Corporation	X	X	X	-
2000	Cole Information Services	X	X	X	-
1997	NYNEX	X	X	X	-
1992	NYNEX Information Resource Co.	X	X	X	-
1985	NYNEX Information Resources Company	X	X	X	-
1980	New York Telephone	-	X	X	-
1976	New York Telephone	X	X	X	-
1973	New York Telephone	X	X	X	-
1970	New York Telephone	X	X	X	-
1965	New York Telephone	X	X	X	-
1960	New York Telephone	X	X	X	-
	New York Telephone Company	X	X	X	-
1949	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1945	New York Telephone	X	X	X	-
1940	New York Telephone	X	X	X	-
1934	R. L. Polk & Co.	-	-	-	-
1928	New York Telephone	-	X	X	-

## EXECUTIVE SUMMARY

### SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
773 metropolitan ave	Client Entered	
775 metropolitan ave	Client Entered	
779 metropolitan ave	Client Entered	
781 metropolitan ave	Client Entered	
783 metropolitan ave	Client Entered	
785 metropolitan ave	Client Entered	X
365 HUMBOLDT STREET	Client Entered	
778 METROPOLITAN AVENUE	Client Entered	X
774 metropolitan ave	Client Entered	X
192 CONSELYEA STREET	Client Entered	X
769 METROPOLITAN AVENUE	Client Entered	X

# FINDINGS

## TARGET PROPERTY INFORMATION

### ADDRESS

771 Metropolitan Ave  
Brooklyn, NY 11211

### FINDINGS DETAIL

Target Property research detail.

## METROPOLITAN AVE

### 771 METROPOLITAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	ATLANTIS BASEMENT INC	Cole Information Services
2005	LKessler&Co	Hill-Donnelly Corporation
2000	KESSLER L & CO INC	Cole Information Services
1997	Kessler L & Co Inc	NYNEX
1992	KESSLER L & CO INC	NYNEX Informantion Resource Co.
1985	CASELLA BROS PAPER STK	NYNEX Information Resources Company
1976	CASELLA BROS PAPER STK	New York Telephone
1973	Casella Bros paper stk	New York Telephone
1970	Casella Bros paper stk	New York Telephone
1965	Casella Bros paper stk	New York Telephone
1960	CASELLA BROS PAPER STK	New York Telephone
	Casella Bros paper stk	New York Telephone Company
1945	Severino Bros paper	New York Telephone
1940	Severino Bros paper	New York Telephone

### metropolitan ave

#### 773 metropolitan ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
-------------	-------------	---------------

#### 775 metropolitan ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
-------------	-------------	---------------

#### 779 metropolitan ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
-------------	-------------	---------------

## FINDINGS

### 781 metropolitan ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
-------------	-------------	---------------

### 783 metropolitan ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
-------------	-------------	---------------

### 785 metropolitan ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	GLOBE PIPE & FITTING CO INC	NYNEX Information Resources Company
1976	GLOBE PIPE & FITTING CO INC	New York Telephone
1973	Globe Pipe & Fitting Co Inc	New York Telephone
1970	Globe Pipe & Fitting Co Inc	New York Telephone
1965	Globe Pipe & Fitting Co Inc	New York Telephone
1960	GLOBE PIPE & FITTING CO	New York Telephone
1949	Metropolitn Valve Supl Co	New York Telephone
1940	Globe Pipe & Fitting Co	New York Telephone

## FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### CONSELYEA STREET

##### 192 CONSELYEA STREET

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Torre Rosina AV	Hill-Donnelly Corporation
	h Montana P	Hill-Donnelly Corporation
2000	T CHESNAVAGE	Cole Information Services
1997	CHESNAVAGE T	NYNEX
1970	Montana Philip J	New York Telephone

#### METROPOLITAN AVE

##### 754 METROPOLITAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	BAGEL STORE THE	Cole Information Services
2008	BUTTERCUP BAGEL	Cole Information Services
2005	Bagel Store	Hill-Donnelly Corporation
	h Bennett Brad	Hill-Donnelly Corporation
	h Takagi Chikako	Hill-Donnelly Corporation
2000	ELIZABETH BOYLAN	Cole Information Services
	ROBIN KEMPNER	Cole Information Services
	CHIKAKO TAKAGI	Cole Information Services
	BUTTERCUP BAGEL	Cole Information Services
1997	CAMARERO Miguel	NYNEX
	PASCA J	NYNEX
1992	BUTTERCUP BAGEL	NYNEX Informantion Resource Co.
	DELI K	NYNEX Informantion Resource Co.
	HANTZOPOULOS EVIE	NYNEX Informantion Resource Co.
1985	ANDINO D	NYNEX Information Resources Company
	BUTTERCUP BAGEL	NYNEX Information Resources Company
1980	ANDINO D	New York Telephone
	GALOWITZ PHILIP	New York Telephone
1976	ANDINO D	New York Telephone
	GALOWITZ PHILIP	New York Telephone
	GREENPOINT PLNBG & HEATG CO INC	New York Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	IPPOLITO JOHN	New York Telephone
1973	Galowitz Philip	New York Telephone
	GREENPOINT PLMBG & HEATG CO INC	New York Telephone
	Ippolito John	New York Telephone
1970	Galowitz Philip	New York Telephone
	GREENPOINT PLMBG & HEATG CO INC	New York Telephone
1965	De Iacova Jennie	New York Telephone
	Franzese Gennaro	New York Telephone
	Galowitz Philip	New York Telephone
	Greenpoint Plmbg & Heatg Co Inc	New York Telephone
1960	DE IACOVA JENNIE	New York Telephone
	GALOWITZ PHILIP	New York Telephone
	GREENPOINT PLMBG & HEATQ CO INC	New York Telephone
	RABINOWITZ ISADORE	New York Telephone
	De Iacova Jennie	New York Telephone Company
	Galowitz Philip	New York Telephone Company
	Greenpoint Plmbg & Heatq Co Inc	New York Telephone Company
	Rabinowitz Isadore	New York Telephone Company
1949	Galowitz Philip	New York Telephone
	Greenpoint Plmbg & Heatg Co Inc	New York Telephone
1945	Galowitz Philip	New York Telephone
	Greenpoint Plmbg & Heatg Co Inc	New York Telephone
	Reich Wm Iwyr	New York Telephone
1940	Galowitz Philip	New York Telephone
	Greenpoint Plmbg & Hetg Co Inc	New York Telephone
	Reich Wm Iwyr	New York Telephone
<b>758 METROPOLITAN AVE</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Ilmofté Elena	Hill-Donnelly Corporation
	h Zambrotta Anthony	Hill-Donnelly Corporation
2000	ELENA TIMOFTE	Cole Information Services
	ANTHONY ZAMBROTTA	Cole Information Services
1997	TIMOFTE Elena	NYNEX
	ZAMBROTTA Antohny	NYNEX
1992	DELUCA MARY MRS	NYNEX Informantion Resource Co.
	LOQUERCIO FRANK	NYNEX Informantion Resource Co.
	ZAMBROTTA TERESA MRS	NYNEX Informantion Resource Co.
1985	DELUCA MARY MRS	NYNEX Information Resources Company

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	LOQUERCIO FRANK	NYNEX Information Resources Company
	ZAMBROTTA TERESA MRS	NYNEX Information Resources Company
1980	ZAMBROTTA JEAN MRS	New York Telephone
	ZAMBROTTA SAM	New York Telephone
1976	DELUCA MARY MRS	New York Telephone
	ZAMBROTTA JEAN MRS	New York Telephone
	ZAMBROTTA SAM	New York Telephone
	ZAMBROTTA TERESA MRS	New York Telephone
1973	Zambrotta Teresa Mrs	New York Telephone
	Zambrotta Sam	New York Telephone
	Zambrotta Jean Mrs	New York Telephone
	De Luca Mary Mrs	New York Telephone
1970	Zambrotta Teresa Mrs	New York Telephone
	Zambrotta Sam	New York Telephone
	Zambrotta Jean Mrs	New York Telephone
	Zambrotta Anthony	New York Telephone
	De Luca Mary Mrs	New York Telephone
1965	Zambrotta Teresa Mrs	New York Telephone
	Zambrotta Sam	New York Telephone
	Zambrotta Jean Mrs	New York Telephone
	Zambrotta Anthony	New York Telephone
	Petruzzo Nicholas	New York Telephone
	De Luca Geo C	New York Telephone
1960	DE LUCA GEO C	New York Telephone
	PINTO STEVE	New York Telephone
	ZAMBROTTA ANTHONY	New York Telephone
	ZAMBROTTA JEAN MRS	New York Telephone
	ZAMBROTTA SAM	New York Telephone
	ZAMBROTTA TERESA MRS	New York Telephone
	De Luca Geo C	New York Telephone Company
	Pinto Steve	New York Telephone Company
	Zambrotta Anthony	New York Telephone Company
	Zambrotta Jean Mrs	New York Telephone Company
	Zambrotta Sam	New York Telephone Company
	Zambrotta Teresa Mrs	New York Telephone Company
1928	ZAMBROTTO JAMES R	New York Telephone

## FINDINGS

### 759 METROPOLITAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Huber Matthew	Hill-Donnelly Corporation
2000	1 MATTHEW HUBER APARTMENTS	Cole Information Services Cole Information Services
1992	SHAPIRO JEFFREY CARUANA L	NYNEX Informantion Resource Co. NYNEX Informantion Resource Co.
1976	DESTEFANO BASIL	New York Telephone
1970	De Maio Robert	New York Telephone
1965	Chiarovano Geo	New York Telephone
1960	CATANIA PHILIP A CICCONE CHRIS CICCONE A CHAS Cicccone Chris Cicccone A Chas Catania Philip A	New York Telephone New York Telephone New York Telephone New York Telephone Company New York Telephone Company New York Telephone Company
1940	Cicccone Jos Cicccone Frank	New York Telephone New York Telephone
1928	CICCONE FRANK R	New York Telephone

### 760 METROPOLITAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Long J Snelman N h Towey Rachel v	Hill-Donnelly Corporation Hill-Donnelly Corporation Hill-Donnelly Corporation
2000	APARTMENTS 2L C SPRINKLE 3L RACHEL TOWEY K WHITE	Cole Information Services Cole Information Services Cole Information Services Cole Information Services
1997	KRUMHOLZ Eeth G SUDAK Seema WHITE K	NYNEX NYNEX NYNEX
1992	CENTENO RAQUEL RUIZ KAPLAN TARA NIEKRASZ FRANK SUDAN SEEMA	NYNEX Informantion Resource Co. NYNEX Informantion Resource Co. NYNEX Informantion Resource Co. NYNEX Informantion Resource Co.
1985	BYME G R TORRE FRANK B CHRISTINE WENZEL JANET WOERTENDYKE D	NYNEX Information Resources Company NYNEX Information Resources Company NYNEX Information Resources Company NYNEX Information Resources Company

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	BUSCAGLIA JOSEPH L	New York Telephone
	LIVRERIO M	New York Telephone
	MOLINA LYDIA	New York Telephone
	TANCREDI JOSEPHINE MRS	New York Telephone
1973	Livrerio O	New York Telephone
	Mariconda Vincent	New York Telephone
	Stefanelli Rose	New York Telephone
	Tancredi Josephine Mrs	New York Telephone
1970	Buscaglia Jos L	New York Telephone
	Fico Alfred	New York Telephone
	Gangone Mario	New York Telephone
	Polimine Sal	New York Telephone
	Stefanelli Rose	New York Telephone
	Tancredi Josephine Mrs	New York Telephone
1965	Buscaglia Jos L	New York Telephone
	Fico Alfred	New York Telephone
	Gollob Lucy	New York Telephone
	Risucci Dominick	New York Telephone
	Stefanelli Rose	New York Telephone
	Tancredi Josephine Mrs	New York Telephone
1960	BUSCAGLIA JOS L	New York Telephone
	PETRIZZO NICHOLAS	New York Telephone
	RISUCCI DOMINICK	New York Telephone
	STILLITANO ANTHONY	New York Telephone
	TANCREDI JOSEPHINE MRS	New York Telephone
	Buscaglia Jos L	New York Telephone Company
	Petrizzo Nicholas	New York Telephone Company
	Risucci Dominick	New York Telephone Company
	Stillitano Anthony	New York Telephone Company
	Tancredi Josephine Mrs	New York Telephone Company
1949	Petrizzo N trukng	New York Telephone
	San Pietro Josephine	New York Telephone

### 761 METROPOLITAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	ARTIST & CRAFTSMAN SUPPLY	Cole Information Services
2008	ARTISTS & CRAFTSMEN SUPPLY	Cole Information Services
2005	No Current Listing	Hill-Donnelly Corporation
2000	SAMPOGNA HARDWARE	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1997	Sampogna Hardware	NYNEX
1992	SAMPOGNA HARDWARE CUTLERS & GRINDERS	NYNEX Informantion Resource Co.
1985	SAMPOGNA HARDWARE CULTERS & GRINDERS	NYNEX Information Resources Company
	V S BILTRYTE ASSOC INC	NYNEX Information Resources Company
1976	SAMPOGNA FRANK & SONS CUTLERS & GRNDRS	New York Telephone
1973	Sampogna Frank & Sons cutlers & grndrs	New York Telephone
1970	Sampogna Frank & Sons cutlers & grndrs	New York Telephone
1965	Sampogna Frank & Sons cutlers & nrndrs	New York Telephone
1949	Nu Lam Prods Co fur silprs	New York Telephone
1945	Bushwick Canvas Prods Co	New York Telephone
	Nu Lam Prods Co fur novlts	New York Telephone
1940	Metropolitn Hinge Co	New York Telephone

### 762 METROPOLITAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1997	LESNIEWSKI Piotr	NYNEX

### 764 METROPOLITAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	n Stabile Joseph	Hill-Donnelly Corporation
2000	SARAH ORNDORFF	Cole Information Services
	JOSEPH STABILE	Cole Information Services
1997	TUFANO Jim	NYNEX
1992	TUFANO JIM	NYNEX Informantion Resource Co.
1985	GILL THOMAS J	NYNEX Information Resources Company
	TUFANO JIM	NYNEX Information Resources Company
1976	MANNETTA ANDREW	New York Telephone
	PETRIZZO JOHN	New York Telephone
1973	Marino William A	New York Telephone
1970	Mannetta Andrew	New York Telephone
1965	Glaser Julia M	New York Telephone
	Mannetta Andrew	New York Telephone
1960	GLASER JULIA M	New York Telephone
	RUFRANO EMILY MRS	New York Telephone
	Glaser Julia M	New York Telephone Company
	Rufrano Emily Mrs	New York Telephone Company
1949	Rufrano Hugo D	New York Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	NICOLS OTTO R	New York Telephone

### 765 METROPOLITAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	RAFAELS CLEANERS CORP	Cole Information Services
2008	RAFAELS CLEANERS CORP	Cole Information Services
2005	Rafaels Cleaners Corp	Hill-Donnelly Corporation
2000	COURTSIDE CLEANERS	Cole Information Services
	JUDE CAMPBELL	Cole Information Services
1997	STERNTHAL Noah	NYNEX
1992	MICKEYS COFFEE SHOP	NYNEX Informantion Resource Co.
1976	LICCIARDO JOHN	New York Telephone
1973	Licciardo John	New York Telephone
1970	Licciardo John	New York Telephone
1960	SAMPOGNA DOMINIC	New York Telephone
	Sampogna Dominic	New York Telephone Company
1949	Mannetta Josephine	New York Telephone

### 766 METROPOLITAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	ARGINGTON INC	Cole Information Services
2005	Kahan Simonot	Hill-Donnelly Corporation
	Scarpati D	Hill-Donnelly Corporation
	Thornton Andrew F	Hill-Donnelly Corporation
2000	MICHELLE L LECUBE	Cole Information Services
	JONATHAN SIMS	Cole Information Services
	RALPH WEST	Cole Information Services
1997	METTLER Richard	NYNEX
	MARTINEZ Victor C	NYNEX
	MARICONDA Vincent	NYNEX
1992	SOLOMITO ROSE	NYNEX Informantion Resource Co.
	SOLOMITO VINCENT & MARGARET	NYNEX Informantion Resource Co.
	MARICONDA VINCENT	NYNEX Informantion Resource Co.
1985	SOLOMITO VINCENT & MARGARET	NYNEX Information Resources Company
	SOLOMITO ROSE	NYNEX Information Resources Company
	MARICONDA VINCENT	NYNEX Information Resources Company
1976	NARICONDA VINCENT	New York Telephone
	RUSSO ELEANORA MRS	New York Telephone
	SOLOMITO VINCENT	New York Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	Solomito Vincent	New York Telephone
	Russo Eleanora Mrs	New York Telephone
1970	Solomito Vincent	New York Telephone
	Russo Eleanora Mrs	New York Telephone
	Mariconda Vincent	New York Telephone
1965	Solomito Vincent	New York Telephone
	Russo Eleanora Mrs	New York Telephone
	Mariconda Vincent	New York Telephone
1960	SOLOMITO VINCENT	New York Telephone
	MARICONDA VINCENT	New York Telephone
	Solomito Vincent	New York Telephone Company
	Mariconda Vincent	New York Telephone Company
1949	Lago Danl	New York Telephone

### 769 METROPOLITAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	GEEZERS THE	Cole Information Services
	GEEZERS THE	Cole Information Services
2005	Blue Lady Lounge	Hill-Donnelly Corporation
	Anolfo LAAO	Hill-Donnelly Corporation
2000	PATRICK HOGAN	Cole Information Services
1997	MCMANN Jacqueline	NYNEX
1992	CANALINI LEONARD G	NYNEX Informantion Resource Co.
1985	CANALINI LEONARD G	NYNEX Information Resources Company
1976	DIAZ DANIEL	New York Telephone
	JAY VEE LOUNGE INC	New York Telephone
1973	Jay Vee Lounge Inc	New York Telephone
	JV Lounge	New York Telephone
1970	Jay Vee Lounge Inc	New York Telephone
	Hernandez Oscar	New York Telephone
1965	Hernandez Oscar	New York Telephone
	Jay Vee Lounge Inc	New York Telephone
1960	CLUB BAR GRILL	New York Telephone
1949	Spiezios Grill Inc	New York Telephone
1945	Spizios Grill Inc	New York Telephone
1940	Spiezios Grill Inc	New York Telephone

## FINDINGS

### 770 METROPOLITAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	BRIDGE REALTY CO	Cole Information Services
2008	BRIDGE REALTY CO	Cole Information Services
2005	h Gill Thomas J	Hill-Donnelly Corporation
	H Corbisiero Nicola	Hill-Donnelly Corporation
	Bridge Realty Co I	Hill-Donnelly Corporation
2000	NIRAGLIA JOHN	Cole Information Services
	KLEIN ROOFING INC	Cole Information Services
	1FL NICOLA CORBISIERO	Cole Information Services
	THOMAS J GILL	Cole Information Services
1997	GILL Thomas J	NYNEX
	CORBISIERO Nicola	NYNEX
1992	CORBISIERO NICOLA	NYNEX Informantion Resource Co.
1985	SCIBELLI ANTHONY & SON FUNERAL DIRECLOR	NYNEX Information Resources Company
1976	SCIBELLI FUNERAL HOME	New York Telephone
	CORBISIERO NICOLA	New York Telephone
1973	Corbisiero Nicola	New York Telephone
1970	Corbisiero Niicola	New York Telephone
	Scibelli Funeral Home	New York Telephone
1965	Vannata Ida	New York Telephone
	Scibelli Funeral Home	New York Telephone
1960	VANNATA IDA	New York Telephone
	Vannata Ida	New York Telephone Company
1949	Solomita V statnry	New York Telephone
1945	Solomita V statnry	New York Telephone
1940	Solomita V statnry	New York Telephone
1928	BROWN ROBT J JR RL EST & INS	New York Telephone

### 772 METROPOLITAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Rufrano C	Hill-Donnelly Corporation
1997	CRANE Dawn	NYNEX
	RUFRANO Carmen	NYNEX
1992	TALAP SADIE	NYNEX Informantion Resource Co.
	FALSETTA JAMES	NYNEX Informantion Resource Co.
1985	VITALE M	NYNEX Information Resources Company
	TALAP SADIE	NYNEX Information Resources Company
1976	DEL VICARIO ROSE	New York Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	BRICKNER M UMBRIS	New York Telephone
1973	Del Vicario Rose	New York Telephone
1970	Grilletto Carlo	New York Telephone
1965	Del Vicario Rose	New York Telephone
	Grilletto Carlo	New York Telephone
1960	DEL VICARIO ROSE	New York Telephone
	GRILLETTO CARLO	New York Telephone
	TARANTINO FRANK M	New York Telephone
	Del Vicario Rose	New York Telephone Company
	Grilletto Carlo	New York Telephone Company
	Tarantino Frank M	New York Telephone Company
1928	PLOMITALLO ANTONIO R	New York Telephone

### metropolitan ave

#### 774 metropolitan ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Sarandon Alexis	Hill-Donnelly Corporation
	Martin Isabel	Hill-Donnelly Corporation
	h Memoli Jerry P	Hill-Donnelly Corporation
2000	JOSEPH C RUFRANO	Cole Information Services
	2 JERRY P MEMOLI	Cole Information Services
	APARTMENTS	Cole Information Services
1997	RUFRANO Jos C	NYNEX
	MEMOLI Jerry P	NYNEX
1992	RUFRANO JOS C	NYNEX Informantion Resource Co.
	MEMOLI JERRY P	NYNEX Informantion Resource Co.
1985	MEMOLI JERRY P	NYNEX Information Resources Company
	RUFRANO JOS C	NYNEX Information Resources Company
	BROWN R M	NYNEX Information Resources Company
1976	MEMOLI JERRY P	New York Telephone
	RUFRANO JOS C	New York Telephone
	RUFRANO R M	New York Telephone
1973	Rufrano Jos C	New York Telephone
	Licciatdo Anna	New York Telephone
	Memoli Jerry P	New York Telephone
1970	Licciardo Anna	New York Telephone
	Rufrano Jos C	New York Telephone
	Memoli Jerry P	New York Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Memoli Jerry P	New York Telephone
	Licciardo Anna	New York Telephone
	Rufrano Jos C	New York Telephone
1960	FLARIO ANDREW	New York Telephone
	MEMOLI JERRY P	New York Telephone
	VILLANI GIUSEPPE	New York Telephone
	Villani Giuseppe	New York Telephone Company
	Memoli Jerry P	New York Telephone Company
	Flario Andrew	New York Telephone Company

### METROPOLITAN AVE

#### 781 METROPOLITAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	WHITE CASTLE INC	Cole Information Services
	WHITE CASTLE INC	Cole Information Services

### METROPOLITAN AVENUE

#### 769 METROPOLITAN AVENUE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Anolfo LAAO	Hill-Donnelly Corporation
	Blue Lady Lounge	Hill-Donnelly Corporation
2000	PATRICK HOGAN	Cole Information Services
1997	MCMANN Jacqueline	NYNEX
1992	CANALINI LEONARD G	NYNEX Informantion Resource Co.
1985	CANALINI LEONARD G	NYNEX Information Resources Company
1976	DIAZ DANIEL	New York Telephone
	JAY VEE LOUNGE INC	New York Telephone
1973	Jay Vee Lounge Inc	New York Telephone
	JV Lounge	New York Telephone
1970	Hernandez Oscar	New York Telephone
	Jay Vee Lounge Inc	New York Telephone
1965	Hernandez Oscar	New York Telephone
	Jay Vee Lounge Inc	New York Telephone
1960	CLUB BAR GRILL	New York Telephone
1949	Spiezios Grill Inc	New York Telephone
1945	Spizios Grill Inc	New York Telephone
1940	Spiezios Grill Inc	New York Telephone

## FINDINGS

### 778 METROPOLITAN AVENUE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Korber Jill v 0 oo	Hill-Donnelly Corporation
2000	TSERING D LAMA	Cole Information Services
	S TSOMO	Cole Information Services
	JIGME DADUL	Cole Information Services
1997	STABILE Joseph	NYNEX
	CORREIA David L	NYNEX
	JANGTEY Tenzin	NYNEX
1992	STABILE JOSEPH	NYNEX Informantion Resource Co.
	YANNATOS DION	NYNEX Informantion Resource Co.
1976	PICONE JAS	New York Telephone
1970	Folan Robt	New York Telephone
	Decaminada Jos P	New York Telephone
1965	De Sena Dominick	New York Telephone
	Folan Robt	New York Telephone
	Palasco Mary Ann T	New York Telephone
1960	BILELLA JOHN	New York Telephone
	PALASCO MARY ANN T	New York Telephone
	DE SENA DOMINICK	New York Telephone
	Bilella John	New York Telephone Company
	Palasco Mary Ann T	New York Telephone Company
	De Sena Dominick	New York Telephone Company
1949	Rastelli Marty	New York Telephone
	Risi Nunzio	New York Telephone

### METROPOLITIAN AVE

#### 761 METROPOLITIAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	METROPOLITAN PAINT & HDWRE STORE	New York Telephone

## FINDINGS

### TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

#### Address Researched

771 Metropolitan Ave

#### Address Not Identified in Research Source

2008, 1980, 1934, 1928

### ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

#### Address Researched

192 CONSELYEA STREET

365 HUMBOLDT STREET

754 METROPOLITAN AVE

754 METROPOLITAN AVE

758 METROPOLITAN AVE

759 METROPOLITAN AVE

760 METROPOLITAN AVE

761 METROPOLITAN AVE

761 METROPOLITAN AVE

761 METROPOLITAN AVE

762 METROPOLITAN AVE

764 METROPOLITAN AVE

765 METROPOLITAN AVE

765 METROPOLITAN AVE

766 METROPOLITAN AVE

766 METROPOLITAN AVE

769 METROPOLITAN AVE

769 METROPOLITAN AVE

769 METROPOLITAN AVE

#### Address Not Identified in Research Source

2013, 2008, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2013, 2008, 1934, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2013, 2008, 1949, 1945, 1940, 1934

2013, 2008, 1997, 1985, 1980, 1973, 1949, 1945, 1934

2013, 2008, 1980, 1945, 1940, 1934, 1928

2013, 2008, 1980, 1960, 1934, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934

2013, 2008, 2005, 2000, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2013, 2008, 1980, 1945, 1940, 1934

2013, 2008, 1985, 1980, 1965, 1945, 1940, 1934, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2013, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2013, 2008, 1980, 1945, 1940, 1934, 1928

2013, 2008, 1980, 1934, 1928

2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

## FINDINGS

### **Address Researched**

769 METROPOLITAN  
AVENUE

770 METROPOLITAN AVE

770 METROPOLITAN AVE

772 METROPOLITAN AVE

774 metropolitan ave

778 METROPOLITAN  
AVENUE

781 METROPOLITAN AVE

781 METROPOLITAN AVE

### **Address Not Identified in Research Source**

2013, 2008, 1980, 1934, 1928

2013, 2008, 1980, 1934

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945,  
1940, 1934, 1928

2013, 2008, 2000, 1980, 1949, 1945, 1940, 1934

2013, 2008, 1980, 1949, 1945, 1940, 1934, 1928

2013, 2008, 1985, 1980, 1973, 1945, 1940, 1934, 1928

2013, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949,  
1945, 1940, 1934, 1928

2013, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949,  
1945, 1940, 1934, 1928

**APPENDIX E**  
**EDR RADIUS MAP REPORT**

**771 Metropolitan Ave**

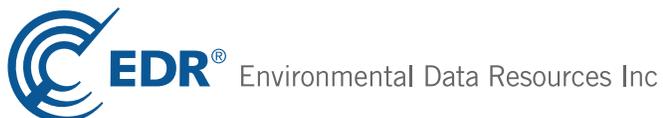
771 Metropolitan Ave

Brooklyn, NY 11211

Inquiry Number: 4109065.2s

October 17, 2014

## The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

771 METROPOLITAN AVE  
BROOKLYN, NY 11211

#### COORDINATES

Latitude (North): 40.7148000 - 40° 42' 53.28"  
Longitude (West): 73.9430000 - 73° 56' 34.80"  
Universal Transverse Mercator: Zone 18  
UTM X (Meters): 589280.6  
UTM Y (Meters): 4507424.0  
Elevation: 39 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40073-F8 BROOKLYN, NY  
Most Recent Revision: 1995

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20110710, 20110705  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
LOT 34,TAXBLOCK 2760 771 METROPOLITAN AVENUE BROOKLYN, NY 11211	NY E DESIGNATION	N/A
LOT 35,TAXBLOCK 2760 771 METROPOLITAN AVENUE BROOKLYN, NY	NY E DESIGNATION	N/A

## EXECUTIVE SUMMARY

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

#### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

#### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing

#### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

#### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

#### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls  
LUCIS..... Land Use Control Information System

#### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

#### ***State- and tribal - equivalent CERCLIS***

NY VAPOR REOPENED..... Vapor Intrusion Legacy Site List

#### ***State and tribal leaking storage tank lists***

NY HIST LTANKS..... Listing of Leaking Storage Tanks  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

#### ***State and tribal registered storage tank lists***

NY MOSF UST..... Major Oil Storage Facilities Database  
NY MOSF AST..... Major Oil Storage Facilities Database  
INDIAN UST..... Underground Storage Tanks on Indian Land

## EXECUTIVE SUMMARY

FEMA UST..... Underground Storage Tank Listing

### **State and tribal institutional control / engineering control registries**

NY ENG CONTROLS..... Registry of Engineering Controls

NY INST CONTROL..... Registry of Institutional Controls

### **State and tribal voluntary cleanup sites**

INDIAN VCP..... Voluntary Cleanup Priority Listing

### **State and tribal Brownfields sites**

NY ERP..... Environmental Restoration Program Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

US BROWNFIELDS..... A Listing of Brownfields Sites

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

NY SWRCY..... Registered Recycling Facility List

NY SWTIRE..... Registered Waste Tire Storage & Facility List

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

#### **Local Lists of Hazardous waste / Contaminated Sites**

US CDL..... Clandestine Drug Labs

NY DEL SHWS..... Delisted Registry Sites

US HIST CDL..... National Clandestine Laboratory Register

#### **Local Land Records**

LIENS 2..... CERCLA Lien Information

NY LIENS..... Spill Liens Information

#### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System

NY Hist Spills..... SPILLS Database

NY SPILLS 80..... SPILLS 80 data from FirstSearch

NY SPILLS 90..... SPILLS 90 data from FirstSearch

#### **Other Ascertainable Records**

DOT OPS..... Incident and Accident Data

DOD..... Department of Defense Sites

FUDS..... Formerly Used Defense Sites

CONSENT..... Superfund (CERCLA) Consent Decrees

ROD..... Records Of Decision

## EXECUTIVE SUMMARY

UMTRA.....	Uranium Mill Tailings Sites
US MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
NY UIC.....	Underground Injection Control Wells
NY SPDES.....	State Pollutant Discharge Elimination System
NY AIRS.....	Air Emissions Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
NY COAL ASH.....	Coal Ash Disposal Site Listing
COAL ASH DOE.....	Steam-Electric Plant Operation Data
US FIN ASSUR.....	Financial Assurance Information
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
2020 COR ACTION.....	2020 Corrective Action Program List
LEAD SMELTERS.....	Lead Smelter Sites
EPA WATCH LIST.....	EPA WATCH LIST

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

NY RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
NY RGA LF.....	Recovered Government Archive Solid Waste Facilities List

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

## EXECUTIVE SUMMARY

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NEWTOWN CREEK SUPERFUND SITE</b>	<b>NEWTOWN CRK - N LAT 40.</b>	<b>E 1/2 - 1 (0.632 mi.)</b>	<b>183</b>	<b>529</b>

### ***Federal CERCLIS NFRAP site List***

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CITY BARREL &amp; DRUM CO INC</b>	<b>421 MEEKER AVE</b>	<b>NNW 1/4 - 1/2 (0.336 mi.)</b>	<b>AF148</b>	<b>391</b>

### ***Federal RCRA generators list***

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/10/2014 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GLOSS-FLO CORPORATION</b>	<b>JACKSON ST</b>	<b>NW 1/8 - 1/4 (0.167 mi.)</b>	<b>90</b>	<b>209</b>
<b>CON EDISON - MANHOLE 4964</b>	<b>909 METROPOLITAN AVE</b>	<b>E 1/8 - 1/4 (0.213 mi.)</b>	<b>V116</b>	<b>286</b>

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/10/2014 has revealed that there are 2

## EXECUTIVE SUMMARY

RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GRAND CLEANERS</b>	<b>765 GRAND ST</b>	<b>S 1/8 - 1/4 (0.201 mi.)</b>	<b>X105</b>	<b>248</b>
MTA NYCT - GRAND STREET STATIO	GRAND ST & BUSHWICK AVE	SSE 1/8 - 1/4 (0.219 mi.)	Z120	294

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/10/2014 has revealed that there are 2 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EVADA CLEANERS OF NY</b>	<b>448 HUMBOLDT ST</b>	<b>N 1/8 - 1/4 (0.172 mi.)</b>	<b>N93</b>	<b>228</b>
<b>CON EDISON SERVICE BOX: 11845</b>	<b>243 FROST ST</b>	<b>NNE 1/8 - 1/4 (0.246 mi.)</b>	<b>AD134</b>	<b>341</b>

### **State- and tribal - equivalent CERCLIS**

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the NY SHWS list, as provided by EDR, and dated 07/16/2014 has revealed that there are 13 NY SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>95 LOMBARDY ST./ACME ARCH. PRO</b>	<b>95 LOMBARDY ST</b>	<b>NNE 1/2 - 1 (0.605 mi.)</b>	<b>182</b>	<b>522</b>
Class Code: Significant threat to the public health or environment - action required.				
<b>ACME STEEL PARTITION CO INC</b>	<b>513 PORTER AVE</b>	<b>NNE 1/2 - 1 (0.699 mi.)</b>	<b>186</b>	<b>558</b>
Class Code: Significant threat to the public health or environment - action required.				
<b>FORMER LOMBARDY STREET LACQUER</b>	<b>171 LOMBARDY STREET</b>	<b>NE 1/2 - 1 (0.740 mi.)</b>	<b>188</b>	<b>573</b>
Class Code: Significant threat to the public health or environment - action required.				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITY BARREL CO.	421-429 MEEKER STREET	NNW 1/4 - 1/2 (0.335 mi.)	AF147	390
FORMER KLINK COSMO CLEANERS	364 RICHARDSON STREET	NE 1/4 - 1/2 (0.466 mi.)	171	488
Class Code: Significant threat to the public health or environment - action required.				
<b>BERKMAN BROS INC</b>	<b>ECKFORD ST</b>	<b>NNW 1/2 - 1 (0.525 mi.)</b>	<b>179</b>	<b>507</b>
BQE/ANSBACHER COLOR & DYE FACT	MEEKER AVENUE	W 1/2 - 1 (0.526 mi.)	180	520
Class Code: Does not present a significant threat to the public health or the environment - action may be deferred.				
<b>K - GREENPOINT MGP - ENERGY CE</b>	<b>287 MASPETH AVENUE</b>	<b>NE 1/2 - 1 (0.690 mi.)</b>	<b>AK184</b>	<b>534</b>
Class Code: Significant threat to the public health or environment - action required.				
<b>US ENVIRONMENTAL PROTECTION AG</b>	<b>C O BCF OIL REFINING SI</b>	<b>ENE 1/2 - 1 (0.712 mi.)</b>	<b>187</b>	<b>566</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VARICK AVENUE	165 VARICK AVENUE	ESE 1/2 - 1 (0.771 mi.)	189	577
FORMER SPIC AND SPAN CLEANERS	315 KINGSLAND AVENUE	N 1/2 - 1 (0.852 mi.)	191	579
Class Code: Significant threat to the public health or environment - action required.				
<b>K - WILLIAMSBURG WORKS</b>	<b>KENT AVE &amp; 12TH STREET</b>	<b>NW 1/2 - 1 (0.984 mi.)</b>	<b>AL192</b>	<b>582</b>
<b>BROOKLYN NORTH 1 GARAGE</b>	<b>50 KENT AVENUE</b>	<b>WNW 1/2 - 1 (0.990 mi.)</b>	<b>AL193</b>	<b>584</b>

### **State and tribal landfill and/or solid waste disposal site lists**

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 07/08/2014 has revealed that there are 5 NY SWF/LF sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MAGNUM BODY SHOP INC	185A MASPETH AVE	ENE 1/4 - 1/2 (0.404 mi.)	AH161	470
MS POWER INC	187 MASPETH VE	ENE 1/4 - 1/2 (0.426 mi.)	AJ163	475
DURITE S&V & MAINT. CORP.	250 MORGAN AVE	ESE 1/4 - 1/2 (0.453 mi.)	168	482
<b>COOPER TANK AND WELDING CORP.</b>	<b>222 MASPETH AVENUE</b>	<b>ENE 1/4 - 1/2 (0.466 mi.)</b>	<b>AJ170</b>	<b>486</b>
<b>EASTERN TRANSFER OF NY; INC (</b>	<b>222 MORGAN AVE</b>	<b>ESE 1/4 - 1/2 (0.497 mi.)</b>	<b>178</b>	<b>503</b>

### **State and tribal leaking storage tank lists**

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the NY LTANKS list, as provided by EDR, and dated 05/19/2014 has revealed that there are 32 NY LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
METROPOLITAN AVE/MERRIT	METROPOLITAN&BUSHWICK AVE	ESE 0 - 1/8 (0.040 mi.)	C26	73
Spill Number/Closed Date: 8903546 / 7/10/1989				
25 BUSHWICK AVE	25 BUSHWICK AVE	SE 0 - 1/8 (0.075 mi.)	C45	129
Spill Number/Closed Date: 9512040 / 7/4/1999				
<b>WILLIAMSBURG HOUSES</b>	<b>128 MAUJER STREET</b>	<b>SSW 1/4 - 1/2 (0.286 mi.)</b>	<b>144</b>	<b>364</b>
Spill Number/Closed Date: 9104201 / 4/27/1995				
Spill Number/Closed Date: 9314699 / 3/23/1994				
Spill Number/Closed Date: 9305275 / Not Reported				
<b>WILLIAMSBURG HOUSES -NYCHA</b>	<b>188 TEN EYCK WALK</b>	<b>S 1/4 - 1/2 (0.296 mi.)</b>	<b>145</b>	<b>375</b>
Spill Number/Closed Date: 9802239 / 2/12/2010				
<b>WILLIAMSBURGH HOUSES</b>	<b>211 STAGG WALK</b>	<b>SSE 1/4 - 1/2 (0.352 mi.)</b>	<b>151</b>	<b>395</b>
Spill Number/Closed Date: 9110920 / 1/22/1992				
<b>WILLIAMSBURG HOUSES</b>	<b>125 STAGG WALK</b>	<b>SSW 1/4 - 1/2 (0.383 mi.)</b>	<b>157</b>	<b>459</b>
Spill Number/Closed Date: 9811727 / 3/29/1999				
Spill Number/Closed Date: 9810259 / 1/8/2004				
Spill Number/Closed Date: 9811227 / 12/2/2005				
Spill Number/Closed Date: 9810261 / 1/8/2004				
Spill Number/Closed Date: 0102133 / Not Reported				

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ALBERTS PLATING WORKS BEADEL S</b> Spill Number/Closed Date: 0510292 / 1/25/2006	<b>32 BEADEL ST</b>	<b>NNE 1/4 - 1/2 (0.458 mi.)</b>	<b>169</b>	<b>483</b>
SPILL NUMBER 0003338 Spill Number/Closed Date: 0003338 / 4/10/2003	232 MESROLE ST	SSE 1/4 - 1/2 (0.471 mi.)	172	491
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SHELL OIL CO</b> Spill Number/Closed Date: 8900824 / 4/30/1991	<b>2 BUSHWICK AVE</b>	<b>E 0 - 1/8 (0.036 mi.)</b>	<b>A18</b>	<b>41</b>
<b>MERIT OIL CORP</b> Spill Number/Closed Date: 9404715 / 11/22/1994	<b>810 METROPOLITAN AVE</b>	<b>E 0 - 1/8 (0.045 mi.)</b>	<b>C28</b>	<b>75</b>
<b>RESIDENCE</b> Spill Number/Closed Date: 0409577 / 2/4/2005	<b>243 JACKSON STREET</b>	<b>NE 1/8 - 1/4 (0.180 mi.)</b>	<b>R97</b>	<b>235</b>
<b>COOPER PARK - NYCHA</b> Spill Number/Closed Date: 9414384 / 3/29/1996 Spill Number/Closed Date: 9414271 / 3/29/1996 Spill Number/Closed Date: 9515713 / 9/14/2009 Spill Number/Closed Date: 9515837 / 6/10/2008	<b>295 JACKSON ST</b>	<b>NE 1/4 - 1/2 (0.255 mi.)</b>	<b>140</b>	<b>353</b>
<b>J &amp; M AUTO REPAIRS</b> Spill Number/Closed Date: 8901284 / 7/21/2008	<b>881-885 GRAND ST</b>	<b>SE 1/4 - 1/2 (0.263 mi.)</b>	<b>141</b>	<b>358</b>
151 MAUJER ST Spill Number/Closed Date: 9414176 / 2/28/2003	151 MAUJER STREET	SSW 1/4 - 1/2 (0.271 mi.)	AE142	362
WILLIAMSBURG Spill Number/Closed Date: 8809821 / 12/4/1992	144 MAUJER ST & GRAHAM	SSW 1/4 - 1/2 (0.278 mi.)	AE143	363
<b>INTERMEDIATE SCHOOL 49 - BROOK</b> Spill Number/Closed Date: 9711161 / 3/14/2005 Spill Number/Closed Date: 0411168 / 12/19/2005	<b>223 GRAHAM AVENUE</b>	<b>S 1/4 - 1/2 (0.323 mi.)</b>	<b>146</b>	<b>378</b>
308 MAUJER ST Spill Number/Closed Date: 0305120 / 1/31/2006	308 MAUJER ST	ESE 1/4 - 1/2 (0.347 mi.)	150	394
<b>CONSTRUCTION SITE</b> Spill Number/Closed Date: 0310672 / 12/16/2003	<b>392 LEONARD STREET</b>	<b>NW 1/4 - 1/2 (0.353 mi.)</b>	<b>152</b>	<b>403</b>
<b>MOBIL OIL CORP SS #FX9</b> Spill Number/Closed Date: 9007766 / Not Reported	<b>550 HUMBOLDT ST</b>	<b>N 1/4 - 1/2 (0.371 mi.)</b>	<b>153</b>	<b>407</b>
<b>64 FROST ST</b> Spill Number/Closed Date: 9601530 / 8/5/2010	<b>64 FROST STREET</b>	<b>WNW 1/4 - 1/2 (0.377 mi.)</b>	<b>AG154</b>	<b>431</b>
<b>JOSEPH LOWESTEIN AND SONS INC</b> Spill Number/Closed Date: 9704885 / 8/16/2003	<b>420 MORGAN AVE</b>	<b>NE 1/4 - 1/2 (0.383 mi.)</b>	<b>AI156</b>	<b>440</b>
ABANDONED BLDG Spill Number/Closed Date: 0203790 / 6/4/2003	430 MORGAN AVE	NE 1/4 - 1/2 (0.392 mi.)	AI158	466
68 RICHARDSON STREET Spill Number/Closed Date: 9312569 / 6/11/2001	68 RICHARDSON STREET	NW 1/4 - 1/2 (0.397 mi.)	AG159	467
UNITED AMBULETTE Spill Number/Closed Date: 0410348 / 5/3/2005	495 GRAHAM AVE	NNW 1/4 - 1/2 (0.402 mi.)	160	468
345 TENYCK STREET Spill Number/Closed Date: 9210082 / 12/1/1992	345 TENYCK STREET	ESE 1/4 - 1/2 (0.430 mi.)	164	475
522 METROPOLITAN AVE Spill Number/Closed Date: 9515443 / 2/24/2003	522 METROPOLITAN AVE	W 1/4 - 1/2 (0.433 mi.)	165	476
APARTMENT BUILDING Spill Number/Closed Date: 0601731 / 8/29/2006	35 MEADOW STREET	SE 1/4 - 1/2 (0.450 mi.)	167	480

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GREEN HILL Spill Number/Closed Date: 0302094 / 1/31/2006	2 REWE ST & 300 VANDERV	E 1/4 - 1/2 (0.485 mi.)	173	492
CLOSED-LACKOF RECENT INFO Spill Number/Closed Date: 8706710 / 3/4/2003	275 NORTH 8TH ST.	W 1/4 - 1/2 (0.489 mi.)	175	494
<b>SPILL NUMBER 0300112</b> Spill Number/Closed Date: 0300112 / 3/24/2004	<b>1-7 BUSHWICK PLACE</b>	<b>SSE 1/4 - 1/2 (0.489 mi.)</b>	<b>176</b>	<b>495</b>
<b>MOST HOLY TRINITY RESIDENCE</b> Spill Number/Closed Date: 0306650 / 8/25/2006	<b>157 GRAHAM AVE</b>	<b>S 1/4 - 1/2 (0.495 mi.)</b>	<b>177</b>	<b>498</b>
<b>EASTERN TRANSFER OF NY; INC (</b> Spill Number/Closed Date: 0009585 / 8/28/2003 Spill Number/Closed Date: 9312206 / 1/17/1994	<b>222 MORGAN AVE</b>	<b>ESE 1/4 - 1/2 (0.497 mi.)</b>	<b>178</b>	<b>503</b>

### **State and tribal registered storage tank lists**

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, and dated 07/01/2014 has revealed that there are 10 NY UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GLOVEMAN REALTY CORP</b>	<b>294 GRAHAM AVENUE</b>	<b>SSW 1/8 - 1/4 (0.159 mi.)</b>	<b>K84</b>	<b>197</b>
JENNINGS HALLL HDFC	260 POWERS STREET	SE 1/8 - 1/4 (0.180 mi.)	U98	240
CHASE BANK	726 GRAND STREET	SSW 1/8 - 1/4 (0.211 mi.)	T110	271
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHELL SERVICE STATION	2 BUSHWICK AVENUE	E 0 - 1/8 (0.036 mi.)	A20	58
<b>ST FRANCIS OF PAOLA CHURCH</b>	<b>219 CONSEL YEA STREET</b>	<b>NE 0 - 1/8 (0.040 mi.)</b>	<b>B25</b>	<b>70</b>
<b>MERIT OIL CORP</b>	<b>810 METROPOLITAN AVE</b>	<b>E 0 - 1/8 (0.045 mi.)</b>	<b>C28</b>	<b>75</b>
326 GRAHAM AVE	326 GRAHAM AVENUE	SW 0 - 1/8 (0.077 mi.)	F46	130
CONSYLEA ST. ASSOCIATION	211 AINSLEE STREET	SW 1/8 - 1/4 (0.166 mi.)	Q89	207
TARASHINSKY MDSE CO INC	254 MANHATTAN AVE	SW 1/8 - 1/4 (0.220 mi.)	AA121	296
<b>MOBIL S/S 17BJ6</b>	<b>51 KINGSLAND AVE</b>	<b>NE 1/8 - 1/4 (0.231 mi.)</b>	<b>W128</b>	<b>306</b>

NY CBS UST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the NY CBS UST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 NY CBS UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GLOSS-FLO CORPORATION</b>	<b>JACKSON ST</b>	<b>NW 1/8 - 1/4 (0.167 mi.)</b>	<b>90</b>	<b>209</b>

## EXECUTIVE SUMMARY

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, and dated 07/01/2014 has revealed that there are 16 NY AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYS TAXI NETWORK INC <b>FRANK LOVISI</b>	801 METROPALITAN AVE <b>308 GRAHAM AVE</b>	0 - 1/8 (0.001 mi.) <b>SSW 0 - 1/8 (0.118 mi.)</b>	A4 <b>K66</b>	17 <b>166</b>
755 REALTY CORP.	753 GRAND STREET	S 1/8 - 1/4 (0.202 mi.)	X106	266
JP MORGAN CHASE AND COMPANY	819 GRAND STREET	SSE 1/8 - 1/4 (0.218 mi.)	Z118	290

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ST. FRANCIS OF PAOLA SCHOOL	195-201 CONSELYEA STREE	N 0 - 1/8 (0.026 mi.)	A17	39
SHELL SERVICE STATION	2 BUSHWICK AVENUE	E 0 - 1/8 (0.036 mi.)	A19	55
TWO BROTHERS AUTO SALES	193 WOODPOINT ROAD	NNE 0 - 1/8 (0.083 mi.)	B49	133
BRICKMER REALTY CORP	722 METROPOLITAN AVE	WSW 0 - 1/8 (0.091 mi.)	E55	144
SKILL-MAN CONTRACTING INC.	244 SKILLMAN AVENUE	NE 0 - 1/8 (0.124 mi.)	I72	179
<b>LEROS REALTY CORP</b>	<b>850 METROPOLITAN AVE</b>	<b>E 0 - 1/8 (0.124 mi.)</b>	<b>O74</b>	<b>183</b>
PUBLIC SCHOOL 132 - BROOKLYN K	320 MANHATTAN AVENUE	W 1/8 - 1/4 (0.146 mi.)	J82	193
<b>PACOGON CORP</b>	<b>677 METROPOLITAN AVE</b>	<b>W 1/8 - 1/4 (0.163 mi.)</b>	<b>S87</b>	<b>202</b>
<b>656 REALTY</b>	<b>656 METROPOLITAN AVE</b>	<b>W 1/8 - 1/4 (0.201 mi.)</b>	<b>S103</b>	<b>244</b>
<b>ST NICHOLAS R C CHURCH</b>	<b>26 OLIVE ST</b>	<b>ESE 1/8 - 1/4 (0.225 mi.)</b>	<b>123</b>	<b>298</b>
<b>LEONARD ARMS INC</b>	<b>85 DEVOE ST</b>	<b>WSW 1/8 - 1/4 (0.237 mi.)</b>	<b>AC132</b>	<b>337</b>
<b>LEONARD BRANCH</b>	<b>81 DEVOE STREET</b>	<b>WSW 1/8 - 1/4 (0.247 mi.)</b>	<b>AC136</b>	<b>343</b>

NY CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

A review of the NY CBS list, as provided by EDR, and dated 07/01/2014 has revealed that there is 1 NY CBS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GLOSS-FLO CORPORATION</b>	<b>JACKSON ST</b>	<b>NW 1/8 - 1/4 (0.167 mi.)</b>	<b>90</b>	<b>209</b>

### State and tribal Brownfields sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 07/16/2014 has revealed that there are 4 NY BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FORMER BENNETT TRUCKING CORP.</b>	<b>845 GRAND STREET</b>	<b>SE 1/8 - 1/4 (0.232 mi.)</b>	<b>AB130</b>	<b>332</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>LOT 41, TAXBLOCK 2922</b>	<b>871 GRAND STREET</b>	<b>SE 1/4 - 1/2 (0.254 mi.)</b>	<b>AB139</b>	<b>347</b>
<b>555 GRAND STREET</b>	<b>555 GRAND STREET</b>	<b>SW 1/4 - 1/2 (0.404 mi.)</b>	<b>162</b>	<b>470</b>
<b>LOT 47, TAXBLOCK 2741</b>	<b>11 JACKSON STREET</b>	<b>W 1/4 - 1/2 (0.439 mi.)</b>	<b>166</b>	<b>477</b>

# EXECUTIVE SUMMARY

## ADDITIONAL ENVIRONMENTAL RECORDS

### **Local Lists of Registered Storage Tanks**

NY HIST UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 3 NY HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GLOVEMAN REALTY CORP</b> DIME SAVINGS BANK	<b>294 GRAHAM AVENUE</b> 726 GRAND STREET	<b>SSW 1/8 - 1/4 (0.159 mi.)</b> SSW 1/8 - 1/4 (0.211 mi.)	<b>K84</b> T109	<b>197</b> 269
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ST FRANCIS OF PAOLA CHURCH</b>	<b>219 CONSELYEA STREET</b>	<b>NE 0 - 1/8 (0.040 mi.)</b>	<b>B25</b>	<b>70</b>

### **Records of Emergency Release Reports**

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 05/19/2014 has revealed that there are 17 NY Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOCCI RESIDENCE Spill Number/Closed Date: 0905854 / 8/19/2009	177 DEVOE ST	SSW 0 - 1/8 (0.052 mi.)	D30	96
S/S BREAKER LEAKED DURING REMO Spill Number/Closed Date: 0801005 / 5/19/2008	324 AINSLIE ST. SUBSTAT	SSE 0 - 1/8 (0.105 mi.)	G62	161
SPILL NUMBER 0100018 Spill Number/Closed Date: 0100016 / 4/2/2001 Spill Number/Closed Date: 0100018 / 6/1/2004	50 BUSHWICK AVE	SE 0 - 1/8 (0.121 mi.)	L67	170
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
764 METROPOLITAN AVE Spill Number/Closed Date: 9500338 / 2/11/2003	764 METROPOLITAN AVENUE	WSW 0 - 1/8 (0.016 mi.)	A12	29
385 HUMBOLDT ST. Spill Number/Closed Date: 9302207 / 4/25/1994	385 HUMBOLDT ST	NNE 0 - 1/8 (0.020 mi.)	A14	34
<b>SHELL OIL CO</b> Spill Number/Closed Date: 8901576 / 5/17/1989 Spill Number/Closed Date: 0513496 / 2/28/2006 Spill Number/Closed Date: 9110815 / 6/9/2005 Spill Number/Closed Date: 0330060 / Not Reported	<b>2 BUSHWICK AVE</b>	<b>E 0 - 1/8 (0.036 mi.)</b>	<b>A18</b>	<b>41</b>
MERIT S/S / BKLN Spill Number/Closed Date: 8909052 / 12/14/1989	METROPOLITAN & BUSHWICKE	0 - 1/8 (0.038 mi.)	A23	68

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>MERIT OIL CORP</b> Spill Number/Closed Date: 9502757 / 5/6/2013 Spill Number/Closed Date: 8807632 / 12/18/1988	<b>810 METROPOLITAN AVE</b>	<b>E 0 - 1/8 (0.045 mi.)</b>	<b>C28</b>	<b>75</b>
PRIVATE DWELLING Spill Number/Closed Date: 1110118 / 3/6/2012	184 DEVOE ST.	SSW 0 - 1/8 (0.058 mi.)	D37	115
LONG JIM KITCHEN Spill Number/Closed Date: 9813147 / 3/3/2003	329 GRAHAM AVE	WSW 0 - 1/8 (0.064 mi.)	E39	118
SKILLMAN AVE. & GRAHAM AV Spill Number/Closed Date: 8701082 / 5/8/1987	SKILLMAN AVE./GRAHAM AV	NW 0 - 1/8 (0.096 mi.)	H57	149
BASEMENT Spill Number/Closed Date: 1301163 / 8/6/2013	146 CONSELYEA ST	WNW 0 - 1/8 (0.101 mi.)	E58	150
RESIDENCE Spill Number/Closed Date: 1301174 / 5/6/2013	146 CONSELYEA STREET	WNW 0 - 1/8 (0.101 mi.)	E59	154
RESIDENCE Spill Number/Closed Date: 0811473 / 1/20/2009	381 GRAHAM AVE APT 2	NW 0 - 1/8 (0.105 mi.)	H63	162
SPILL NUMBER 0201573 Spill Number/Closed Date: 0201573 / 2/13/2003	236 SKILLMAN AVE	NE 0 - 1/8 (0.110 mi.)	I64	163
SANITATION COMPANY Spill Number/Closed Date: 9903762 / 7/6/1999	244 SKILLMAN AVE	NE 0 - 1/8 (0.124 mi.)	I71	178
419 HUMBOLDT ST Spill Number/Closed Date: 9109966 / 12/19/1991	419 HUMBOLDT ST	N 0 - 1/8 (0.124 mi.)	N73	182

### Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/10/2014 has revealed that there are 11 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NEW YORK HEATING CORP</b>	<b>354 HUMBOLDT ST</b>	<b>SSE 0 - 1/8 (0.046 mi.)</b>	<b>C29</b>	<b>94</b>
<b>RHEE &amp; NURYS DRY CLEANERS</b>	<b>802 GRAND ST</b>	<b>SSE 1/8 - 1/4 (0.211 mi.)</b>	<b>Z113</b>	<b>273</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SHELL OIL CO</b>	<b>2 BUSHWICK AVE</b>	<b>E 0 - 1/8 (0.036 mi.)</b>	<b>A18</b>	<b>41</b>
<b>MERIT OIL CORP</b>	<b>810 METROPOLITAN AVE</b>	<b>E 0 - 1/8 (0.045 mi.)</b>	<b>C28</b>	<b>75</b>
<b>GATTI CLEANERS</b>	<b>334 GRAHAM AVE</b>	<b>SW 0 - 1/8 (0.053 mi.)</b>	<b>D32</b>	<b>97</b>
<b>NYC DEPT OF ED - PUBLIC SCHOOL</b>	<b>320 MANHATTAN AVE</b>	<b>W 1/8 - 1/4 (0.146 mi.)</b>	<b>J81</b>	<b>190</b>
CON EDISON SERVICE BOX: 68734	892 METROPOLITAN AVE	E 1/8 - 1/4 (0.182 mi.)	V99	242
<b>NYCHA - COOPER PARK</b>	<b>275 JACKSON ST</b>	<b>NE 1/8 - 1/4 (0.228 mi.)</b>	<b>W125</b>	<b>301</b>
MOBIL OIL CO	51 KINGSLAND AVE	NE 1/8 - 1/4 (0.231 mi.)	W127	305
<b>CON EDISON MANHOLE 4916</b>	<b>GRAHAM AVE &amp; FROST ST</b>	<b>NNW 1/8 - 1/4 (0.231 mi.)</b>	<b>Y129</b>	<b>330</b>
CON EDISON SERVICE BOX: 14319	282 LEONARD ST	WSW 1/8 - 1/4 (0.235 mi.)	AC131	336

## EXECUTIVE SUMMARY

NY HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The latest version of the study is frozen in time. The sites on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

A review of the NY HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there are 2 NY HSWDS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITY BARREL	421 MEEKER STREET	NNW 1/4 - 1/2 (0.336 mi.)	AF149	392
BUG, EQUITY WORKS	MASPETH AND MORGAN AVENUE	E 1/4 - 1/2 (0.378 mi.)	AH155	438

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 05/01/2014 has revealed that there are 24 NY MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CON EDISON	FRONT OF 16 JUDGE ST	SE 1/8 - 1/4 (0.177 mi.)	U95	233
<b>GRAND CLEANERS</b>	<b>765 GRAND ST</b>	<b>S 1/8 - 1/4 (0.201 mi.)</b>	<b>X105</b>	<b>248</b>
<b>RHEE &amp; NURYS DRY CLEANERS</b>	<b>802 GRAND ST</b>	<b>SSE 1/8 - 1/4 (0.211 mi.)</b>	<b>Z113</b>	<b>273</b>
CON EDISON	FRONT OF 812 GRAND ST	SSE 1/8 - 1/4 (0.216 mi.)	Z117	289
NYNEX	BUSHWICK AVE & GRAND ST	SSE 1/8 - 1/4 (0.219 mi.)	Z119	292

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SHELL OIL CO</b>	<b>2 BUSHWICK AVE</b>	<b>E 0 - 1/8 (0.036 mi.)</b>	<b>A18</b>	<b>41</b>
<b>MERIT OIL CORP</b>	<b>810 METROPOLITAN AVE</b>	<b>E 0 - 1/8 (0.045 mi.)</b>	<b>C28</b>	<b>75</b>
<b>GATTI CLEANERS</b>	<b>334 GRAHAM AVE</b>	<b>SW 0 - 1/8 (0.053 mi.)</b>	<b>D32</b>	<b>97</b>
CON EDISON	327 GRAHAM AVE	SW 0 - 1/8 (0.067 mi.)	F42	122
CON	FRONT OF 161 JACKSON ST	NNW 1/8 - 1/4 (0.134 mi.)	P75	186
CON EDISON	FRONT OF 129 DEVOE ST	WSW 1/8 - 1/4 (0.134 mi.)	Q76	187
<b>NYC DEPT OF ED - PUBLIC SCHOOL</b>	<b>320 MANHATTAN AVE</b>	<b>W 1/8 - 1/4 (0.146 mi.)</b>	<b>J81</b>	<b>190</b>
CON ED	FO 142 JACKSON ST	NW 1/8 - 1/4 (0.159 mi.)	M85	200
<b>GLOSS-FLO CORPORATION</b>	<b>JACKSON ST</b>	<b>NW 1/8 - 1/4 (0.167 mi.)</b>	<b>90</b>	<b>209</b>
<b>BUONOMO CLNRS</b>	<b>448 HUMBOLDT ST</b>	<b>N 1/8 - 1/4 (0.172 mi.)</b>	<b>N94</b>	<b>233</b>
CON EDISON	FRONT OF 890 METROPOLITAN AVE	E 1/8 - 1/4 (0.179 mi.)	V96	234
CON EDISON	892 METROPOLITAN AVE	E 1/8 - 1/4 (0.182 mi.)	V100	243
NYNEX	MANHATTAN AVE & POWERS	SW 1/8 - 1/4 (0.212 mi.)	AA114	284
CONSOLIDATED EDISON	909 METROPOLITAN AVE	E 1/8 - 1/4 (0.213 mi.)	V115	285
<b>NYCHA - COOPER PARK</b>	<b>275 JACKSON ST</b>	<b>NE 1/8 - 1/4 (0.228 mi.)</b>	<b>W125</b>	<b>301</b>
<b>MOBIL S/S 17BJ6</b>	<b>51 KINGSLAND AVE</b>	<b>NE 1/8 - 1/4 (0.231 mi.)</b>	<b>W128</b>	<b>306</b>
<b>CON EDISON MANHOLE 4916</b>	<b>GRAHAM AVE &amp; FROST ST</b>	<b>NNW 1/8 - 1/4 (0.231 mi.)</b>	<b>Y129</b>	<b>330</b>
CON EDISON	234 FROST	NNE 1/8 - 1/4 (0.243 mi.)	AD133	340
CON EDISON	141 FROST ST	NW 1/8 - 1/4 (0.248 mi.)	137	346

## EXECUTIVE SUMMARY

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 05/01/2014 has revealed that there is 1 NJ MANIFEST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CON EDISON - MANHOLE 4964</b>	<b>909 METROPOLITAN AVE</b>	<b>E 1/8 - 1/4 (0.213 mi.)</b>	<b>V116</b>	<b>286</b>

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 07/17/2014 has revealed that there are 5 NY DRYCLEANERS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GRAND CLEANERS</b>	<b>765 GRAND ST</b>	<b>S 1/8 - 1/4 (0.201 mi.)</b>	<b>X105</b>	<b>248</b>
RHEE & NURY'S/Y&Y CLEANERS	802 GRAND STREET	SSE 1/8 - 1/4 (0.211 mi.)	Z112	272
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NEW GATTI/PARK/LOUIS CLEANERS	334 GRAHAM AVENUE	SW 0 - 1/8 (0.053 mi.)	D31	97
<b>BUONOMO CLNRS</b>	<b>448 HUMBOLDT ST</b>	<b>N 1/8 - 1/4 (0.172 mi.)</b>	<b>N94</b>	<b>233</b>
SAM'S SAME DAY DRYCLEANERS	171 AINSLIE(256 LEONARD	WSW 1/8 - 1/4 (0.246 mi.)	135	342

NY E DESIGNATION: Lots designation with an ?E? on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts.

A review of the NY E DESIGNATION list, as provided by EDR, and dated 06/18/2014 has revealed that there are 24 NY E DESIGNATION sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 28,TAXBLOCK 2760	785 METROPOLITAN AVENUE	0 - 1/8 (0.000 mi.)	A3	11
LOT 19,TAXBLOCK 2765	778 METROPOLITAN AVENUE	SSW 0 - 1/8 (0.002 mi.)	A5	19
LOT 18,TAXBLOCK 2765	774 METROPOLITAN AVENUE	SW 0 - 1/8 (0.002 mi.)	A6	21
LOT 17,TAXBLOCK 2765	772 METROPOLITAN AVENUE	SW 0 - 1/8 (0.002 mi.)	A7	22
LOT 16,TAXBLOCK 2765	770 METROPOLITAN AVENUE	WSW 0 - 1/8 (0.005 mi.)	A8	24
LOT 11,TAXBLOCK 2772	DEVOE STREET	SSE 0 - 1/8 (0.071 mi.)	G43	123
LOT 13,TAXBLOCK 2772	26 BUSHWICK AVENUE	SE 0 - 1/8 (0.074 mi.)	C44	126
LOT 15,TAXBLOCK 2772	32 BUSHWICK AVENUE	SE 0 - 1/8 (0.086 mi.)	G51	138
LOT 5,TAXBLOCK 2771	318 GRAHAM AVENUE	SW 0 - 1/8 (0.093 mi.)	F56	146
LOT 20,TAXBLOCK 2772	299 AINSLIE STREET	SSE 0 - 1/8 (0.102 mi.)	G60	155
LOT 18,TAXBLOCK 2772	301 AINSLIE STREET	SSE 0 - 1/8 (0.102 mi.)	G61	158
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 15,TAXBLOCK 2765	766 METROPOLITAN AVENUE	WSW 0 - 1/8 (0.012 mi.)	A9	25
LOT 14,TAXBLOCK 2765	764 METROPOLITAN AVENUE	WSW 0 - 1/8 (0.016 mi.)	A11	28
LOT 36,TAXBLOCK 2760	769 METROPOLITAN AVENUE	WSW 0 - 1/8 (0.019 mi.)	A13	31
LOT 37,TAXBLOCK 2760	765 METROPOLITAN AVENUE	WSW 0 - 1/8 (0.024 mi.)	A16	36
LOT 3,TAXBLOCK 2765	330 GRAHAM AVENUE	SW 0 - 1/8 (0.053 mi.)	D33	107
LOT 4,TAXBLOCK 2760	354 GRAHAM AVENUE	W 0 - 1/8 (0.057 mi.)	E35	109
LOT 6,TAXBLOCK 2760	356 GRAHAM AVENUE	W 0 - 1/8 (0.057 mi.)	E36	112
LOT 25,TAXBLOCK 2764	329 GRAHAM AVENUE	WSW 0 - 1/8 (0.064 mi.)	E40	119
LOT 7,TAXBLOCK 2771	322 GRAHAM AVENUE	SW 0 - 1/8 (0.084 mi.)	F50	135
LOT 19,TAXBLOCK 2764	724 METROPOLITAN AVENUE	WSW 0 - 1/8 (0.087 mi.)	E52	141

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 14,TAXBLOCK 2764	710 METROPOLITAN AVENUE	WSW 0 - 1/8 (0.111 mi.)	J65	165
LOT 13,TAXBLOCK 2764	704 METROPOLITAN AVENUE	WSW 0 - 1/8 (0.121 mi.)	J68	172
LOT 25,TAXBLOCK 2893	244 SKILLMAN AVENUE	NE 0 - 1/8 (0.124 mi.)	I70	175

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 4 EDR MGP sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EQUITY WORKS	MASPETH AND VANDERVORTENE	1/4 - 1/2 (0.486 mi.)	174	493
SCHOLES ST. STATION	SCHOLES ST 7 BOGART STS	SE 1/2 - 1 (0.569 mi.)	181	522
GREENPOINT	287 MASPETH AVENUE	NE 1/2 - 1 (0.690 mi.)	AK185	558
WYTHE AVE. (BERRY ST.) STATION	WYTHE AVE., BERRY ST.,	NW 1/2 - 1 (0.850 mi.)	190	579

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 19 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	70 BUSHWICK AVE	SE 1/8 - 1/4 (0.163 mi.)	L86	202
Not reported	283 GRAHAM AVE	SSW 1/8 - 1/4 (0.168 mi.)	T91	227
Not reported	100 BUSHWICK AVE	SSE 1/8 - 1/4 (0.225 mi.)	Z122	298

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	383 HUMBOLDT ST	NNE 0 - 1/8 (0.015 mi.)	A10	27
Not reported	2 BUSHWICK AVE	E 0 - 1/8 (0.036 mi.)	A21	67
Not reported	5 BUSHWICK AVE	E 0 - 1/8 (0.038 mi.)	A22	68
Not reported	807 METROPOLITAN AVE	E 0 - 1/8 (0.038 mi.)	A24	69

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	810 METROPOLITAN AVE	E 0 - 1/8 (0.045 mi.)	C27	74
Not reported	177 SKILLMAN AVE	NNW 0 - 1/8 (0.078 mi.)	H47	132
Not reported	193 WOODPOINT RD	NNE 0 - 1/8 (0.083 mi.)	B48	133
Not reported	221 SKILLMAN AVE	NNE 0 - 1/8 (0.091 mi.)	I54	143
Not reported	145 SKILLMAN AVE	WNW 0 - 1/8 (0.122 mi.)	M69	175
Not reported	395 GRAHAM AVE	NW 1/8 - 1/4 (0.137 mi.)	P77	188
Not reported	694 METROPOLITAN AVE	W 1/8 - 1/4 (0.138 mi.)	J78	188
Not reported	253 SKILLMAN AVE	NE 1/8 - 1/4 (0.141 mi.)	R80	189
Not reported	880 METROPOLITAN AVE	E 1/8 - 1/4 (0.166 mi.)	O88	206
Not reported	111 SKILLMAN AVE	WNW 1/8 - 1/4 (0.195 mi.)	101	244
Not reported	51 KINGSLAND AVE	NE 1/8 - 1/4 (0.231 mi.)	W126	304
Not reported	253 GRAHAM AVE	S 1/8 - 1/4 (0.249 mi.)	AE138	347

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 14 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	765 GRAND ST	S 1/8 - 1/4 (0.201 mi.)	X104	248
Not reported	770 GRAND ST	S 1/8 - 1/4 (0.203 mi.)	X107	268
Not reported	802 GRAND ST	SSE 1/8 - 1/4 (0.211 mi.)	Z111	272

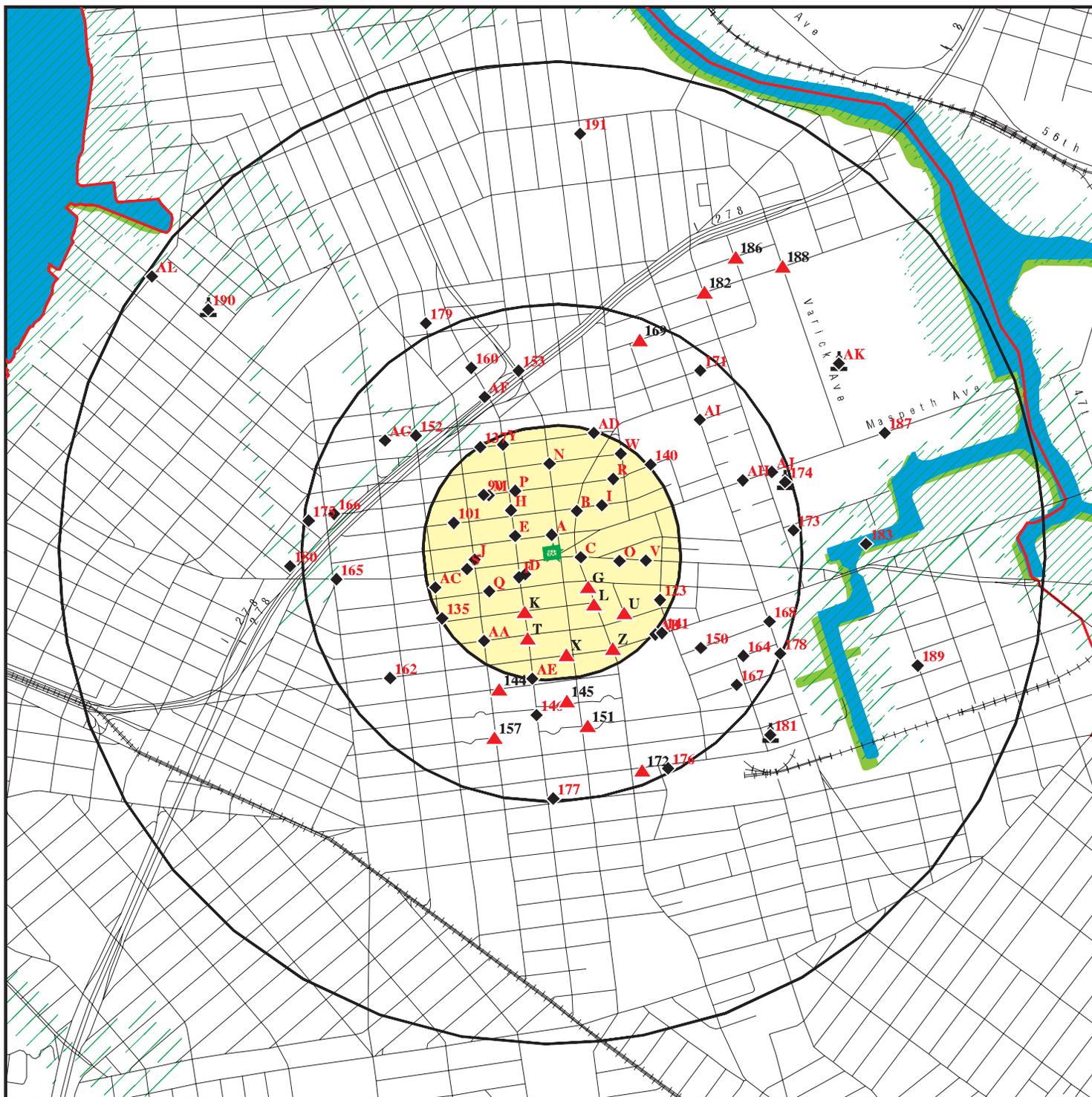
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	765 METROPOLITAN AVE	WSW 0 - 1/8 (0.024 mi.)	A15	35
Not reported	334 GRAHAM AVE	SW 0 - 1/8 (0.053 mi.)	D34	108
Not reported	362 GRAHAM AVE	WNW 0 - 1/8 (0.060 mi.)	E38	117
Not reported	368 GRAHAM AVE	WNW 0 - 1/8 (0.066 mi.)	E41	122
Not reported	380 GRAHAM AVE	NW 0 - 1/8 (0.089 mi.)	H53	143
Not reported	400 GRAHAM AVE	NW 1/8 - 1/4 (0.139 mi.)	P79	188
Not reported	685 METROPOLITAN AVE	W 1/8 - 1/4 (0.149 mi.)	J83	196
Not reported	448 HUMBOLDT ST	N 1/8 - 1/4 (0.172 mi.)	N92	227
Not reported	251 JACKSON ST	NE 1/8 - 1/4 (0.195 mi.)	W102	244
Not reported	425 GRAHAM AVE	NNW 1/8 - 1/4 (0.210 mi.)	Y108	269
Not reported	47 KINGSLAND AVE	NE 1/8 - 1/4 (0.227 mi.)	W124	301

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<u>Site Name</u>	<u>Database(s)</u>
BELL ATLANTIC-NY MTA NYCT - ALABAMA AVE STA - J M Z	NY MANIFEST RCRA-SQG, NY MANIFEST, NJ MANIFEST
NYCT - MARCY AVE STATION - JMZ LIN BELL ATLANTIC-NY CON EDISION - VS 4740 MTA NYCT - METROPOLITAN AVE STATIO NYCDOT METROPOLITAN AVE BRG #22402	RCRA-CESQG, NY MANIFEST FINDS, NY MANIFEST RCRA NonGen / NLR, NY MANIFEST RCRA NonGen / NLR, NY MANIFEST RCRA-SQG, NY MANIFEST, NJ MANIFEST
NYC PKS & REC - FREEDON SQUARE CON EDISION - MH38210 MH56834 V1048 NYCDEP - BORDEN AVE VENTURI FLOW C MTA NYCT - MYRTLE & WILLOUGHBY AVE NYCT - MARCY AVE STATION - JMZ LIN NYC DDC - MANHATTAN AVE & ASH ST NYC DOT - METROPOLITAN AVE BRIDGE EXIT 34 KINGS HIGHWAY MOBIL BETW/AVE X & 205842; KINGS HWY	RCRA NonGen / NLR, NY MANIFEST RCRA NonGen / NLR RCRA NonGen / NLR FINDS FINDS FINDS NY Spills NY Spills NY Spills NY Spills

# OVERVIEW MAP - 4109065.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 771 Metropolitan Ave  
 ADDRESS: 771 Metropolitan Ave  
 Brooklyn NY 11211  
 LAT/LONG: 40.7148 / 73.943

CLIENT: Env. Business Consultants  
 CONTACT: Chawine Miller  
 INQUIRY #: 4109065.2s  
 DATE: October 17, 2014 4:29 pm



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	1	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	0	1	NR	NR	1
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	2	NR	NR	NR	2
RCRA-SQG	0.250		0	2	NR	NR	NR	2
RCRA-CESQG	0.250		0	2	NR	NR	NR	2
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
NY SHWS	1.000		0	0	2	11	NR	13
NY VAPOR REOPENED	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
NY SWF/LF	0.500		0	0	5	NR	NR	5
<b><i>State and tribal leaking storage tank lists</i></b>								
NY LTANKS	0.500		4	1	27	NR	NR	32
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><i>State and tribal registered storage tank lists</i></b>								
NY TANKS	0.250		0	0	NR	NR	NR	0
NY UST	0.250		4	6	NR	NR	NR	10
NY CBS UST	0.250		0	1	NR	NR	NR	1
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY AST	0.250		8	8	NR	NR	NR	16
NY CBS AST	0.250		0	0	NR	NR	NR	0
NY MOSF AST	0.500		0	0	0	NR	NR	0
NY MOSF	0.500		0	0	0	NR	NR	0
NY CBS	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal institutional control / engineering control registries</i></b>								
NY ENG CONTROLS	0.500		0	0	0	NR	NR	0
NY INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>State and tribal voluntary cleanup sites</i></b>								
NY VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b><i>State and tribal Brownfields sites</i></b>								
NY ERP	0.500		0	0	0	NR	NR	0
NY BROWNFIELDS	0.500		0	1	3	NR	NR	4
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
NY SWRCY	0.500		0	0	0	NR	NR	0
NY SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
NY HIST UST	0.250		1	2	NR	NR	NR	3
NY HIST AST	TP		NR	NR	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY LIENS	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		17	NR	NR	NR	NR	17
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		4	7	NR	NR	NR	11
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	2	NR	NR	2
NY UIC	TP		NR	NR	NR	NR	NR	0
NY MANIFEST	0.250		4	20	NR	NR	NR	24
NJ MANIFEST	0.250		0	1	NR	NR	NR	1
NY DRYCLEANERS	0.250		1	4	NR	NR	NR	5
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY E DESIGNATION	0.125	2	24	NR	NR	NR	NR	26
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
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### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	1	3	NR	4
EDR US Hist Auto Stat	0.250		9	10	NR	NR	NR	19
EDR US Hist Cleaners	0.250		5	9	NR	NR	NR	14

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP		NR	NR	NR	NR	NR	0

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A1**      **LOT 34,TAXBLOCK 2760**  
**Target**    **771 METROPOLITAN AVENUE**  
**Property**   **BROOKLYN, NY 11211**

**NY E DESIGNATION**    **S116287629**  
 N/A

**Site 1 of 24 in cluster A**

**Actual:**  
**39 ft.**

E DESIGNATION:  
 Tax Lot(s): 34  
 E-No: E-232  
 Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP056K  
 Ulurp Number: 090334ZMK  
 Zoning Map No: 12c 13a 13b  
 Description: Window Wall Attenuation & Alternate Ventilation  
 Borough Code: BK  
 Community District: 301  
 Census Tract: 497  
 Census Block: 2003  
 School District: 14  
 City Council District: 34  
 Fire Company: E229  
 Health Area: 30  
 Police Precinct: 094  
 Zone District 1: C8-2  
 Zone District 2: R6  
 Commercial Overlay1: Not reported  
 Commercial Overlay2: Not reported  
 Special Purpose District1: Not reported  
 Special Purpose District2: Not reported  
 All Components1: C8-2  
 All Components2: R6  
 Split Boundary Indicator: Y  
 Building Class: E3  
 Land Use Category: 06  
 Number of Easements: 0  
 Owner, Type of Code: Not reported  
 Owner Name: METYEA LLC  
 Lot Area: 000006713  
 Total Building Floor Area: 0000006815  
 Commercial Floor Area: 0000006815  
 Office Floor Area: 0000000000  
 Retail Floor Area: 0000000000  
 Garage Floor Area: 0000000000  
 Storage Floor Area: 0000006815  
 Factory Floor Area: 0000000000  
 Other Floor Area: 0000000000  
 Floor Area,Total Bld Source Code7  
 Number of Buildings: 00001  
 Number of Floors: 001.00  
 Residential Units: 00000  
 Non and Residential Units: 00001  
 Lot Frontage: 0050.00  
 Lot Depth: 0186.00  
 Building Frontage: 0050.00  
 Building Depth: 0095.00  
 Proximity Code: 0  
 Irregular Lot Code: Y  
 Lot Type: 4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 34,TAXBLOCK 2760 (Continued)**

**S116287629**

Basement Type Grade: 5  
Land Assessed Value: 00000045450  
Total Assessed Value: 00000111150  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1930  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.02  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3027600034  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999970  
Y Coordinate: 0199696  
Zoning Map: 13B  
Sanborn Map: 304 026  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**A2  
Target  
Property**

**LOT 35,TAXBLOCK 2760  
771 METROPOLITAN AVENUE  
BROOKLYN, NY**

**NY E DESIGNATION S113453114  
N/A**

**Site 2 of 24 in cluster A**

**Actual:  
39 ft.**

E DESIGNATION:  
Tax Lot(s): 35  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: Not reported  
Community District: Not reported  
Census Tract: Not reported  
Census Block: Not reported  
School District: Not reported  
City Council District: Not reported  
Fire Company: Not reported  
Health Area: Not reported  
Police Precinct: Not reported  
Zone District 1: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 35,TAXBLOCK 2760 (Continued)**

**S113453114**

Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	Not reported
All Components2:	Not reported
Split Boundary Indicator:	Not reported
Building Class:	Not reported
Land Use Category:	Not reported
Number of Easements:	Not reported
Owner, Type of Code:	Not reported
Owner Name:	Not reported
Lot Area:	Not reported
Total Building Floor Area:	Not reported
Commercial Floor Area:	Not reported
Office Floor Area:	Not reported
Retail Floor Area:	Not reported
Garage Floor Area:	Not reported
Storage Floor Area:	Not reported
Factory Floor Area:	Not reported
Other Floor Area:	Not reported
Floor Area,Total Bld Source Code	Not reported
Number of Buildings:	Not reported
Number of Floors:	Not reported
Residential Units:	Not reported
Non and Residential Units:	Not reported
Lot Frontage:	Not reported
Lot Depth:	Not reported
Building Frontage:	Not reported
Building Depth:	Not reported
Proximity Code:	Not reported
Irregular Lot Code:	Not reported
Lot Type:	Not reported
Basement Type Grade:	Not reported
Land Assessed Value:	Not reported
Total Assessed Value:	Not reported
Land Exempt Value:	Not reported
Total Exempt Value:	Not reported
Year Built:	Not reported
Year Built Code:	Not reported
Year Altered1:	Not reported
Year Altered2:	Not reported
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	Not reported
Maximum Allowable Far:	Not reported
Borough Code:	Not reported
Borough Tax Block And Lot:	Not reported
Condominium Number:	Not reported
Census Tract 2:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Zoning Map:	Not reported
Sanborn Map:	Not reported
Tax Map:	Not reported
E Designation No:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 35,TAXBLOCK 2760 (Continued)**

**S113453114**

Date of RPAD Data: Not reported  
 Date of DCAS Data: Not reported  
 Date of Zoning Data: Not reported  
 Date of Major Property Data: Not reported  
 Date of Landmark Data: Not reported  
 Date of Base Map Data: Not reported  
 Date of Mass Appraisal Data: Not reported  
 Date of Political and Adm Data: Not reported  
 Pluto-Base Map Indicator: Not reported

**A3**

**LOT 28,TAXBLOCK 2760  
 785 METROPOLITAN AVENUE  
 BROOKLYN, NY 11211**

**NY E DESIGNATION**

**S109942398  
 N/A**

< 1/8  
 1 ft.

**Site 3 of 24 in cluster A**

**Relative:  
 Higher**

**E DESIGNATION:**

**Actual:  
 39 ft.**

Tax Lot(s): 28  
 E-No: E-232  
 Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP056K  
 Ulurp Number: 090334ZMK  
 Zoning Map No: 12c 13a 13b  
 Description: Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water  
 Borough Code: BK  
 Community District: 301  
 Census Tract: 497  
 Census Block: 2003  
 School District: 14  
 City Council District: 34  
 Fire Company: E229  
 Health Area: 30  
 Police Precinct: 094  
 Zone District 1: C8-2  
 Zone District 2: R6  
 Commercial Overlay1: Not reported  
 Commercial Overlay2: Not reported  
 Special Purpose District1: Not reported  
 Special Purpose District2: Not reported  
 All Components1: C8-2  
 All Components2: R6  
 Split Boundary Indicator: Y  
 Building Class: K5  
 Land Use Category: 05  
 Number of Easements: 0  
 Owner, Type of Code: P  
 Owner Name: HUDSON REALTY SVCS/IN  
 Lot Area: 000011447  
 Total Building Floor Area: 00000001900  
 Commercial Floor Area: 00000001900  
 Office Floor Area: 00000000000  
 Retail Floor Area: 00000001900  
 Garage Floor Area: 00000000000  
 Storage Floor Area: 00000000000  
 Factory Floor Area: 00000000000  
 Other Floor Area: 00000000000  
 Floor Area,Total Bld Source Code7

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 28,TAXBLOCK 2760 (Continued)**

**S109942398**

Number of Buildings: 00001  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00001  
Lot Frontage: 0100.00  
Lot Depth: 0100.25  
Building Frontage: 0040.00  
Building Depth: 0050.00  
Proximity Code: 1  
Irregular Lot Code: Y  
Lot Type: 3  
Basement Type Grade: 5  
Land Assessed Value: 00000121500  
Total Assessed Value: 00000311400  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000189900  
Year Built: 1989  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.17  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3027600028  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 1000033  
Y Coordinate: 0199742  
Zoning Map: 13B  
Sanborn Map: 304 026  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 28  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Exhaust stack location limitations  
Borough Code: BK  
Community District: 301  
Census Tract: 497  
Census Block: 2003  
School District: 14

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 28,TAXBLOCK 2760 (Continued)**

**S109942398**

City Council District: 34  
Fire Company: E229  
Health Area: 30  
Police Precinct: 094  
Zone District 1: C8-2  
Zone District 2: R6  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C8-2  
All Components2: R6  
Split Boundary Indicator: Y  
Building Class: K5  
Land Use Category: 05  
Number of Easements: 0  
Owner, Type of Code: P  
Owner Name: HUDSON REALTY SVCS/IN  
Lot Area: 000011447  
Total Building Floor Area: 00000001900  
Commercial Floor Area: 00000001900  
Office Floor Area: 00000000000  
Retail Floor Area: 00000001900  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00001  
Lot Frontage: 0100.00  
Lot Depth: 0100.25  
Building Frontage: 0040.00  
Building Depth: 0050.00  
Proximity Code: 1  
Irregular Lot Code: Y  
Lot Type: 3  
Basement Type Grade: 5  
Land Assessed Value: 00000121500  
Total Assessed Value: 00000311400  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000189900  
Year Built: 1989  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.17  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3027600028  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 1000033

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 28,TAXBLOCK 2760 (Continued)**

**S109942398**

Y Coordinate: 0199742  
Zoning Map: 13B  
Sanborn Map: 304 026  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Tax Lot(s): 28  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 301  
Census Tract: 497  
Census Block: 2003  
School District: 14  
City Council District: 34  
Fire Company: E229  
Health Area: 30  
Police Precinct: 094  
Zone District 1: C8-2  
Zone District 2: R6  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C8-2  
All Components2: R6  
Split Boundary Indicator: Y  
Building Class: K5  
Land Use Category: 05  
Number of Easements: 0  
Owner, Type of Code: P  
Owner Name: HUDSON REALTY SVCS/IN  
Lot Area: 000011447  
Total Building Floor Area: 00000001900  
Commercial Floor Area: 00000001900  
Office Floor Area: 00000000000  
Retail Floor Area: 00000001900  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 28,TAXBLOCK 2760 (Continued)**

**S109942398**

Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0100.00
Lot Depth:	0100.25
Building Frontage:	0040.00
Building Depth:	0050.00
Proximity Code:	1
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000121500
Total Assessed Value:	00000311400
Land Exempt Value:	00000000000
Total Exempt Value:	00000189900
Year Built:	1989
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.17
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3027600028
Condominium Number:	00000
Census Tract 2:	0497
X Coordinate:	1000033
Y Coordinate:	0199742
Zoning Map:	13B
Sanborn Map:	304 026
Tax Map:	30906
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	28
E-No:	E-232
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP056K
Ulurp Number:	090334ZMK
Zoning Map No:	12c 13a 13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	497
Census Block:	2003
School District:	14
City Council District:	34

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 28,TAXBLOCK 2760 (Continued)**

**S109942398**

Fire Company: E229  
Health Area: 30  
Police Precinct: 094  
Zone District 1: C8-2  
Zone District 2: R6  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C8-2  
All Components2: R6  
Split Boundary Indicator: Y  
Building Class: K5  
Land Use Category: 05  
Number of Easements: 0  
Owner, Type of Code: P  
Owner Name: HUDSON REALTY SVCS/IN  
Lot Area: 000011447  
Total Building Floor Area: 00000001900  
Commercial Floor Area: 00000001900  
Office Floor Area: 00000000000  
Retail Floor Area: 00000001900  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00001  
Lot Frontage: 0100.00  
Lot Depth: 0100.25  
Building Frontage: 0040.00  
Building Depth: 0050.00  
Proximity Code: 1  
Irregular Lot Code: Y  
Lot Type: 3  
Basement Type Grade: 5  
Land Assessed Value: 00000121500  
Total Assessed Value: 00000311400  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000189900  
Year Built: 1989  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.17  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3027600028  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 1000033  
Y Coordinate: 0199742

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 28,TAXBLOCK 2760 (Continued)**

**S109942398**

Zoning Map: 13B  
Sanborn Map: 304 026  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**A4**  
**< 1/8**  
**0.001 mi.**  
**4 ft.**

**NYS TAXI NETWORK INC**  
**801 METROPALITAN AVE**  
**BROOKLYN, NY 11211**

**NY AST A100343968**  
**N/A**

**Site 4 of 24 in cluster A**

**Relative:**  
**Higher**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Unregulated/Closed  
Facility Id: 2-611088  
Program Type: PBS  
UTM X: 589290.12337000004  
UTM Y: 4507628.9799100002  
Expiration Date: 06/02/2014  
Site Type: Auto Service/Repair (No Gasoline Sales)

**Actual:**  
**40 ft.**

Affiliation Records:  
Site Id: 413876  
Affiliation Type: Facility Owner  
Company Name: SAIF U. KAHN  
Contact Type: SECR.  
Contact Name: ARSHAD A. BAALH  
Address1: 9 EAST 3RD ST  
Address2: Not reported  
City: NEW YORK  
State: NY  
Zip Code: 10003  
Country Code: 001  
Phone: (212) 777-8757  
EMail: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 5/15/2009  
  
Site Id: 413876  
Affiliation Type: Mail Contact  
Company Name: NYS TAXI NETWORK INC  
Contact Type: Not reported  
Contact Name: SAIF U. KAHN  
Address1: 801 METROPALITAN AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYS TAXI NETWORK INC (Continued)**

**A100343968**

Zip Code: 11211  
Country Code: 001  
Phone: (718) 388-8800  
EMail: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 5/15/2009

Site Id: 413876  
Affiliation Type: On-Site Operator  
Company Name: NYS TAXI NETWORK INC  
Contact Type: Not reported  
Contact Name: SAIF U. KAHN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 388-8800  
EMail: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 5/15/2009

Site Id: 413876  
Affiliation Type: Emergency Contact  
Company Name: SAIF U. KAHN  
Contact Type: Not reported  
Contact Name: SAIF U. KAHN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 388-8800  
EMail: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 5/15/2009

Tank Info:

Tank Number: 001  
Tank Id: 228461  
Material Code: 0022  
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
K01 - Spill Prevention - Catch Basin  
G02 - Tank Secondary Containment - Vault (w/access)  
D00 - Pipe Type - No Piping

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NYS TAXI NETWORK INC (Continued)**

**A100343968**

	J00 - Dispenser - None
	H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
	L00 - Piping Leak Detection - None
	A99 - Tank Internal Protection - Other
	E00 - Piping Secondary Containment - None
	I01 - Overfill - Float Vent Valve
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	01/01/2006
Capacity Gallons:	500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	05/15/2009
Material Name:	Waste Oil/Used Oil

**A5**  
**SSW**  
 < 1/8  
 0.002 mi.  
 9 ft.

**LOT 19,TAXBLOCK 2765**  
**778 METROPOLITAN AVENUE**  
**BROOKLYN, NY 11211**

**NY E DESIGNATION**    **S109942299**  
**N/A**

**Site 5 of 24 in cluster A**

**Relative:**  
**Higher**  
  
**Actual:**  
**39 ft.**

<b>E DESIGNATION:</b>	
Tax Lot(s):	19
E-No:	E-232
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP056K
Ulurp Number:	090334ZMK
Zoning Map No:	12c 13a 13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	497
Census Block:	2004
School District:	14
City Council District:	34
Fire Company:	E216
Health Area:	30
Police Precinct:	090
Zone District 1:	C8-2
Zone District 2:	R6
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C8-2
All Components2:	R6
Split Boundary Indicator:	Y
Building Class:	C0
Land Use Category:	02
Number of Easements:	0
Owner, Type of Code:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 19,TAXBLOCK 2765 (Continued)**

**S109942299**

Owner Name: SALVATORE BORRELLI  
Lot Area: 000002500  
Total Building Floor Area: 00000004790  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00002  
Number of Floors: 002.00  
Residential Units: 00003  
Non and Residential Units: 00003  
Lot Frontage: 0025.00  
Lot Depth: 0100.00  
Building Frontage: 0021.00  
Building Depth: 0050.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 2  
Land Assessed Value: 00000001596  
Total Assessed Value: 00000010782  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1901  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.92  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3027650019  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 1000019  
Y Coordinate: 0199590  
Zoning Map: 13B  
Sanborn Map: 304 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A6**  
**SW**  
**< 1/8**  
**0.002 mi.**  
**11 ft.**

**LOT 18,TAXBLOCK 2765**  
**774 METROPOLITAN AVENUE**  
**BROOKLYN, NY 11211**

**NY E DESIGNATION**

**S109942290**  
**N/A**

**Site 6 of 24 in cluster A**

**Relative:**  
**Higher**

**E DESIGNATION:**

**Actual:**  
**39 ft.**

Tax Lot(s):	18
E-No:	E-232
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP056K
Ulurp Number:	090334ZMK
Zoning Map No:	12c 13a 13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	497
Census Block:	2004
School District:	14
City Council District:	34
Fire Company:	E216
Health Area:	30
Police Precinct:	090
Zone District 1:	C8-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C8-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	C0
Land Use Category:	02
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	774 METROPOLITAN REAL
Lot Area:	000002500
Total Building Floor Area:	00000003375
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00003
Non and Residential Units:	00003
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0045.00
Proximity Code:	3
Irregular Lot Code:	N
Lot Type:	5

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 18,TAXBLOCK 2765 (Continued)**

**S109942290**

Basement Type Grade: 2  
Land Assessed Value: 00000001122  
Total Assessed Value: 00000010782  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1901  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.35  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3027650018  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999997  
Y Coordinate: 0199554  
Zoning Map: 13B  
Sanborn Map: 304 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**A7  
SW  
< 1/8  
0.002 mi.  
12 ft.**

**LOT 17,TAXBLOCK 2765  
772 METROPOLITAN AVENUE  
BROOKLYN, NY 11211  
Site 7 of 24 in cluster A**

**NY E DESIGNATION S109942278  
N/A**

**Relative:  
Higher**

E DESIGNATION:  
Tax Lot(s): 17  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 497  
Census Block: 2004  
School District: 14  
City Council District: 34  
Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: C8-2

**Actual:  
39 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LOT 17,TAXBLOCK 2765 (Continued)

S109942278

Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C8-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	C0
Land Use Category:	02
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	RUFRANO RALPH
Lot Area:	000002500
Total Building Floor Area:	00000002250
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00003
Non and Residential Units:	00003
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0045.00
Proximity Code:	3
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	2
Land Assessed Value:	00000001269
Total Assessed Value:	00000010228
Land Exempt Value:	00000001269
Total Exempt Value:	00000001430
Year Built:	1901
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.90
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3027650017
Condominium Number:	00000
Census Tract 2:	0497
X Coordinate:	0999973
Y Coordinate:	0199587
Zoning Map:	13B
Sanborn Map:	304 023
Tax Map:	30906
E Designation No:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 17,TAXBLOCK 2765 (Continued)**

**S109942278**

Date of RPAD Data: 11/2005  
 Date of DCAS Data: 01/2006  
 Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**A8  
 WSW  
 < 1/8  
 0.005 mi.  
 27 ft.**

**LOT 16,TAXBLOCK 2765  
 770 METROPOLITAN AVENUE  
 BROOKLYN, NY 11211  
 Site 8 of 24 in cluster A**

**NY E DESIGNATION**

**S109942262  
 N/A**

**Relative:  
 Higher**

**E DESIGNATION:**  
 Tax Lot(s): 16  
 E-No: E-232  
**Actual:** Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP056K  
 Ulurp Number: 090334ZMK  
 Zoning Map No: 12c 13a 13b  
 Description: Window Wall Attenuation & Alternate Ventilation  
 Borough Code: BK  
 Community District: 301  
 Census Tract: 497  
 Census Block: 2004  
 School District: 14  
 City Council District: 34  
 Fire Company: E216  
 Health Area: 30  
 Police Precinct: 090  
 Zone District 1: C8-2  
 Zone District 2: Not reported  
 Commercial Overlay1: Not reported  
 Commercial Overlay2: Not reported  
 Special Purpose District1: Not reported  
 Special Purpose District2: Not reported  
 All Components1: C8-2  
 All Components2: Not reported  
 Split Boundary Indicator: N  
 Building Class: S2  
 Land Use Category: 04  
 Number of Easements: 0  
 Owner, Type of Code: Not reported  
 Owner Name: LUCY CORBISIERO  
 Lot Area: 000002500  
 Total Building Floor Area: 00000002288  
 Commercial Floor Area: 00000001144  
 Office Floor Area: 00000000000  
 Retail Floor Area: 00000001144  
 Garage Floor Area: 00000000000  
 Storage Floor Area: 00000000000  
 Factory Floor Area: 00000000000  
 Other Floor Area: 00000000000  
 Floor Area,Total Bld Source Code7

**Actual:  
 39 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 16,TAXBLOCK 2765 (Continued)**

**S109942262**

Number of Buildings: 00001  
 Number of Floors: 002.00  
 Residential Units: 00002  
 Non and Residential Units: 00003  
 Lot Frontage: 0025.00  
 Lot Depth: 0100.00  
 Building Frontage: 0025.00  
 Building Depth: 0040.00  
 Proximity Code: 3  
 Irregular Lot Code: N  
 Lot Type: 5  
 Basement Type Grade: 5  
 Land Assessed Value: 00000002878  
 Total Assessed Value: 00000010782  
 Land Exempt Value: 00000002370  
 Total Exempt Value: 00000002370  
 Year Built: 1901  
 Year Built Code: E  
 Year Altered1: 0000  
 Year Altered2: 0000  
 Historic District Name: Not reported  
 Landmark Name: Not reported  
 Built Floor Area Ratio-Far: 0000.92  
 Maximum Allowable Far: 02.00  
 Borough Code: 3  
 Borough Tax Block And Lot: 3027650016  
 Condominium Number: 00000  
 Census Tract 2: 0497  
 X Coordinate: 0999948  
 Y Coordinate: 0199547  
 Zoning Map: 13B  
 Sanborn Map: 304 023  
 Tax Map: 30906  
 E Designation No: Not reported  
 Date of RPAD Data: 11/2005  
 Date of DCAS Data: 01/2006  
 Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**A9**  
**WSW**  
**< 1/8**  
**0.012 mi.**  
**63 ft.**

**LOT 15,TAXBLOCK 2765**  
**766 METROPOLITAN AVENUE**  
**BROOKLYN, NY 11211**

**NY E DESIGNATION**

**S109942246**  
**N/A**

**Site 9 of 24 in cluster A**

**Relative:**  
**Lower**

E DESIGNATION:  
 Tax Lot(s): 15  
 E-No: E-232  
 Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP056K  
 Ulurp Number: 090334ZMK  
 Zoning Map No: 12c 13a 13b

**Actual:**  
**38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LOT 15,TAXBLOCK 2765 (Continued)

S109942246

Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 497  
Census Block: 2004  
School District: 14  
City Council District: 34  
Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: C8-2  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C8-2  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: C0  
Land Use Category: 02  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: KAHAN, ADAM  
Lot Area: 000002500  
Total Building Floor Area: 00000003384  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 003.00  
Residential Units: 00003  
Non and Residential Units: 00003  
Lot Frontage: 0025.00  
Lot Depth: 0100.00  
Building Frontage: 0025.00  
Building Depth: 0040.00  
Proximity Code: 3  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 2  
Land Assessed Value: 00000001105  
Total Assessed Value: 00000010782  
Land Exempt Value: 00000001105  
Total Exempt Value: 00000001430  
Year Built: 1901  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.35

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 15,TAXBLOCK 2765 (Continued)**

**S109942246**

Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3027650015  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999920  
Y Coordinate: 0199577  
Zoning Map: 13B  
Sanborn Map: 304 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**A10  
NNE  
< 1/8  
0.015 mi.  
78 ft.**

**383 HUMBOLDT ST  
BROOKLYN, NY 11211**

**EDR US Hist Auto Stat 1015460163  
N/A**

**Site 10 of 24 in cluster A**

**Relative:  
Lower**

EDR Historical Auto Stations:

**Actual:  
37 ft.**

Name: NGUYEN AUTO SHOP  
Year: 2003  
Address: 383 HUMBOLDT ST

Name: NGUYEN AUTO SHOP  
Year: 2004  
Address: 383 HUMBOLDT ST

Name: NGUYEN AUTO SHOP  
Year: 2005  
Address: 383 HUMBOLDT ST

Name: WING AUTO SHOP  
Year: 2006  
Address: 383 HUMBOLDT ST

Name: WING AUTO SHOP  
Year: 2007  
Address: 383 HUMBOLDT ST

Name: WING AUTO SHOP  
Year: 2008  
Address: 383 HUMBOLDT ST

Name: WING AUTO SHOP  
Year: 2009  
Address: 383 HUMBOLDT ST

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A11**  
**WSW**  
**< 1/8**  
**0.016 mi.**  
**86 ft.**

**LOT 14,TAXBLOCK 2765**  
**764 METROPOLITAN AVENUE**  
**BROOKLYN, NY 11211**

**NY E DESIGNATION**

**S109942230**  
**N/A**

**Site 11 of 24 in cluster A**

**Relative:**  
**Lower**

**E DESIGNATION:**

**Actual:**  
**38 ft.**

Tax Lot(s):	14
E-No:	E-232
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP056K
Ulurp Number:	090334ZMK
Zoning Map No:	12c 13a 13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	497
Census Block:	2004
School District:	14
City Council District:	34
Fire Company:	E216
Health Area:	30
Police Precinct:	090
Zone District 1:	C8-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C8-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	B9
Land Use Category:	01
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	STABILE, JOSEPH
Lot Area:	000002500
Total Building Floor Area:	00000002280
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00002
Non and Residential Units:	00002
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0040.00
Proximity Code:	3
Irregular Lot Code:	N
Lot Type:	5

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 14,TAXBLOCK 2765 (Continued)**

**S109942230**

Basement Type Grade: 2  
Land Assessed Value: 00000001180  
Total Assessed Value: 00000009434  
Land Exempt Value: 00000001180  
Total Exempt Value: 00000001430  
Year Built: 1901  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.91  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3027650014  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999898  
Y Coordinate: 0199541  
Zoning Map: 13B  
Sanborn Map: 304 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**A12**  
**WSW**  
**< 1/8**  
**0.016 mi.**  
**86 ft.**

**764 METROPOLITAN AVE**  
**764 METROPOLITAN AVENUE**  
**BROOKLYN, NY**  
**Site 12 of 24 in cluster A**

**NY Spills S102149925**  
**N/A**

**Relative:**  
**Lower**

**SPILLS:**

Facility ID: 9500338  
Facility Type: ER  
DER Facility ID: 171823  
Site ID: 207024  
DEC Region: 2  
Spill Date: 4/9/1995  
Spill Number/Closed Date: 9500338 / 2/11/2003  
Spill Cause: Human Error  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.

**SWIS:**  
Investigator: 2401  
Referred To: TOMASELLO  
Reported to Dept: Not reported  
Reported to Dept: 4/9/1995  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Private Dwelling  
Spill Notifier: Federal Government

**Actual:**  
**38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**764 METROPOLITAN AVE (Continued)**

**S102149925**

Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 5/9/1995  
Spill Record Last Update: 2/11/2003  
Spiller Name: Not reported  
Spiller Company: UNKNOWN  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller Company: 999  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Not reported  
Remarks: CONTRACTOR USING ACID AND KOH REMOVING PAINT.

Material:

Site ID: 207024  
Operable Unit ID: 1014453  
Operable Unit: 01  
Material ID: 368947  
Material Code: 0066A  
Material Name: UNKNOWN PETROLEUM  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False  
Site ID: 207024  
Operable Unit ID: 1014453  
Operable Unit: 01  
Material ID: 368951  
Material Code: 0286D  
Material Name: KOH  
Case No.: 01310583  
Material FA: Hazardous Material  
Quantity: 0  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A13**  
**WSW**  
**< 1/8**  
**0.019 mi.**  
**99 ft.**

**LOT 36,TAXBLOCK 2760**  
**769 METROPOLITAN AVENUE**  
**BROOKLYN, NY 11211**

**NY E DESIGNATION**

**S109942490**  
**N/A**

**Site 13 of 24 in cluster A**

**Relative:**  
**Lower**

**E DESIGNATION:**

**Actual:**  
**38 ft.**

Tax Lot(s):	36
E-No:	E-232
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP056K
Ulurp Number:	090334ZMK
Zoning Map No:	12c 13a 13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	497
Census Block:	2003
School District:	14
City Council District:	34
Fire Company:	E229
Health Area:	30
Police Precinct:	094
Zone District 1:	C8-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C8-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	B9
Land Use Category:	01
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	CANALINI SABRINA
Lot Area:	000002150
Total Building Floor Area:	00000002160
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00002
Non and Residential Units:	00002
Lot Frontage:	0025.00
Lot Depth:	0086.00
Building Frontage:	0025.00
Building Depth:	0040.00
Proximity Code:	2
Irregular Lot Code:	N
Lot Type:	5

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 36,TAXBLOCK 2760 (Continued)**

**S109942490**

Basement Type Grade: 2  
Land Assessed Value: 00000001437  
Total Assessed Value: 00000010782  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1901  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.00  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3027600036  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999925  
Y Coordinate: 0199713  
Zoning Map: 13B  
Sanborn Map: 304 026  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 36  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 497  
Census Block: 2003  
School District: 14  
City Council District: 34  
Fire Company: E229  
Health Area: 30  
Police Precinct: 094  
Zone District 1: C8-2  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C8-2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 36,TAXBLOCK 2760 (Continued)**

**S109942490**

All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: B9  
Land Use Category: 01  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: CANALINI SABRINA  
Lot Area: 000002150  
Total Building Floor Area: 00000002160  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 002.00  
Residential Units: 00002  
Non and Residential Units: 00002  
Lot Frontage: 0025.00  
Lot Depth: 0086.00  
Building Frontage: 0025.00  
Building Depth: 0040.00  
Proximity Code: 2  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 2  
Land Assessed Value: 00000001437  
Total Assessed Value: 00000010782  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1901  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.00  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3027600036  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999925  
Y Coordinate: 0199713  
Zoning Map: 13B  
Sanborn Map: 304 026  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 36,TAXBLOCK 2760 (Continued)**

**S109942490**

Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**A14**  
**NNE**  
**< 1/8**  
**0.020 mi.**  
**103 ft.**

**385 HUMBOLDT ST.**  
**385 HUMBOLDT ST**  
**BROOKLYN, NY**  
**Site 14 of 24 in cluster A**

**NY Spills S104495484**  
**N/A**

**Relative:**  
**Lower**

**SPILLS:**

Facility ID: 9302207  
 Facility Type: ER  
 DER Facility ID: 174187  
 Site ID: 210114  
 DEC Region: 2  
 Spill Date: 5/17/1993  
 Spill Number/Closed Date: 9302207 / 4/25/1994  
 Spill Cause: Housekeeping  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
 Willing Responsible Party. Corrective action taken.

**Actual:**  
**37 ft.**

**SWIS:**

Investigator: SULLIVAN  
 Referred To: Not reported  
 Reported to Dept: 5/17/1993  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Source: Private Dwelling  
 Spill Notifier: Health Department  
 Cleanup Ceased: 4/25/1994  
 Cleanup Meets Std: True  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 5/19/1993  
 Spill Record Last Update: 11/26/2003  
 Spiller Name: Not reported  
 Spiller Company: IN BACK YARD RES.AUTO REP  
 Spiller Address: AUTO REPAIR.  
 Spiller City,St,Zip: ZZ  
 Spiller Company: 001  
 Contact Name: Not reported  
 Contact Phone: Not reported  
 DEC Memo: Not reported  
 Remarks: DUMP OIL ON GROUND OIL IS SEEPING INTO NOTIFIERS HOME THRU WALL  
 BETWEEN YARD (192 CONSELVEA ST.NOTIFIER ADDRESS.) NYC DEP HAG MAT WAS  
 NOTIFIED.

**Material:**

Site ID: 210114  
 Operable Unit ID: 980646  
 Operable Unit: 01  
 Material ID: 399346  
 Material Code: 0015  
 Material Name: Motor Oil  
 Case No.: Not reported  
 Material FA: Petroleum

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**385 HUMBOLDT ST. (Continued)**

**S104495484**

Quantity: 0  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False  
Site ID: 210114  
Operable Unit ID: 980646  
Operable Unit: 01  
Material ID: 399345  
Material Code: 0011  
Material Name: Jet Fuel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**A15**  
**WSW**  
**< 1/8**  
**0.024 mi.**  
**126 ft.**

**765 METROPOLITAN AVE**  
**BROOKLYN, NY 11211**

**EDR US Hist Cleaners 1015094499**  
**N/A**

**Site 15 of 24 in cluster A**

**Relative:**  
**Lower**

EDR Historical Cleaners:

**Actual:**  
**38 ft.**

Name: COURTSIDE CLEANERS  
Year: 2001  
Address: 765 METROPOLITAN AVE  
  
Name: COURTSIDE CLEANERS  
Year: 2002  
Address: 765 METROPOLITAN AVE  
  
Name: RAFAEL S CLEANERS  
Year: 2005  
Address: 765 METROPOLITAN AVE  
  
Name: RAFAEL S CLEANERS  
Year: 2006  
Address: 765 METROPOLITAN AVE  
  
Name: RAFAELS CLEANERS CORP  
Year: 2007  
Address: 765 METROPOLITAN AVE  
  
Name: RAFAELS CLEANERS CORP  
Year: 2010  
Address: 765 METROPOLITAN AVE  
  
Name: RAFAELS CLEANERS CORP  
Year: 2011  
Address: 765 METROPOLITAN AVE

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**1015094499**

Name: RAFAELS CLEANERS CORP  
 Year: 2012  
 Address: 765 METROPOLITAN AVE

**A16**  
**WSW**  
 < 1/8  
 0.024 mi.  
 126 ft.

**LOT 37,TAXBLOCK 2760**  
**765 METROPOLITAN AVENUE**  
**BROOKLYN, NY 11211**  
 Site 16 of 24 in cluster A

**NY E DESIGNATION**    **S109942501**  
 N/A

**Relative:**  
**Lower**

**E DESIGNATION:**  
 Tax Lot(s): 37  
 E-No: E-232  
 Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP056K  
 Ulurp Number: 090334ZMK  
 Zoning Map No: 12c 13a 13b  
 Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
 Borough Code: BK  
 Community District: 301  
 Census Tract: 497  
 Census Block: 2003  
 School District: 14  
 City Council District: 34  
 Fire Company: E229  
 Health Area: 30  
 Police Precinct: 094  
 Zone District 1: C8-2  
 Zone District 2: Not reported  
 Commercial Overlay1: Not reported  
 Commercial Overlay2: Not reported  
 Special Purpose District1: Not reported  
 Special Purpose District2: Not reported  
 All Components1: C8-2  
 All Components2: Not reported  
 Split Boundary Indicator: N  
 Building Class: S1  
 Land Use Category: 04  
 Number of Easements: 0  
 Owner, Type of Code: Not reported  
 Owner Name: JSF REALTY, LLC  
 Lot Area: 000004300  
 Total Building Floor Area: 00000002000  
 Commercial Floor Area: 00000001000  
 Office Floor Area: 00000000000  
 Retail Floor Area: 00000001000  
 Garage Floor Area: 00000000000  
 Storage Floor Area: 00000000000  
 Factory Floor Area: 00000000000  
 Other Floor Area: 00000000000  
 Floor Area,Total Bld Source Code7  
 Number of Buildings: 00002  
 Number of Floors: 002.00  
 Residential Units: 00001  
 Non and Residential Units: 00002  
 Lot Frontage: 0050.00  
 Lot Depth: 0086.00

**Actual:**  
**38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 37,TAXBLOCK 2760 (Continued)**

**S109942501**

Building Frontage: 0025.00  
Building Depth: 0040.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000006660  
Total Assessed Value: 00000015480  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1920  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.47  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3027600037  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999890  
Y Coordinate: 0199680  
Zoning Map: 13B  
Sanborn Map: 304 026  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 37  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 497  
Census Block: 2003  
School District: 14  
City Council District: 34  
Fire Company: E229  
Health Area: 30  
Police Precinct: 094  
Zone District 1: C8-2  
Zone District 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 37,TAXBLOCK 2760 (Continued)**

**S109942501**

Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C8-2  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: S1  
Land Use Category: 04  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: JSF REALTY, LLC  
Lot Area: 000004300  
Total Building Floor Area: 00000002000  
Commercial Floor Area: 00000001000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000001000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00002  
Number of Floors: 002.00  
Residential Units: 00001  
Non and Residential Units: 00002  
Lot Frontage: 0050.00  
Lot Depth: 0086.00  
Building Frontage: 0025.00  
Building Depth: 0040.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000006660  
Total Assessed Value: 00000015480  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1920  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.47  
Maximum Allowable Far: 02.00  
Borough Code: 3  
Borough Tax Block And Lot: 3027600037  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999890  
Y Coordinate: 0199680  
Zoning Map: 13B  
Sanborn Map: 304 026  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 37,TAXBLOCK 2760 (Continued)**

**S109942501**

Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**A17**  
**North**  
**< 1/8**  
**0.026 mi.**  
**139 ft.**

**ST. FRANCIS OF PAOLA SCHOOL**  
**195-201 CONSELYEA STREET**  
**BROOKLYN, NY 11211**  
**Site 17 of 24 in cluster A**

**NY AST** **A100182922**  
**N/A**

**Relative:**  
**Lower**

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-201014  
Program Type: PBS  
UTM X: 589315.44421999995  
UTM Y: 4507673.7250300003  
Expiration Date: 08/14/2011  
Site Type: School

**Actual:**  
**36 ft.**

Affiliation Records:

Site Id: 6804  
Affiliation Type: Facility Owner  
Company Name: REV. ANDREW VARANO PASTOR  
Contact Type: PASTOR  
Contact Name: REV. ANDREW R. VARANO  
Address1: 219 CONSELYEA STREET  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 387-0256  
EMail: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 8/21/2006

Site Id: 6804  
Affiliation Type: Mail Contact  
Company Name: ST. FRANCIS OF PAOLA SCHOOL  
Contact Type: Not reported  
Contact Name: ROSEMARIE MILAZZO  
Address1: 201 CONSELYEA STREET  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 782-1462  
EMail: Not reported  
Fax Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST. FRANCIS OF PAOLA SCHOOL (Continued)**

**A100182922**

Modified By: KXTANG  
Date Last Modified: 8/21/2006  
  
Site Id: 6804  
Affiliation Type: On-Site Operator  
Company Name: ST. FRANCIS OF PAOLA SCHOOL  
Contact Type: Not reported  
Contact Name: JOSE REYES  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 782-1462  
EMail: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 8/21/2006

Site Id: 6804  
Affiliation Type: Emergency Contact  
Company Name: REV. ANDREW VARANO PASTOR  
Contact Type: Not reported  
Contact Name: REV. ANDREW VARANO  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 387-0256  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001  
Tank Id: 11418  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping  
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)  
B01 - Tank External Protection - Painted/Asphalt Coating  
I04 - Overfill - Product Level Gauge (A/G)  
G03 - Tank Secondary Containment - Vault (w/o access)  
C01 - Pipe Location - Aboveground  
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Location: 3

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST. FRANCIS OF PAOLA SCHOOL (Continued)**

**A100182922**

Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 7500  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: TRANSLAT  
Last Modified: 03/04/2004  
Material Name: #2 Fuel Oil (On-Site Consumption)

**A18**  
**East**  
**< 1/8**  
**0.036 mi.**  
**191 ft.**

**SHELL OIL CO**  
**2 BUSHWICK AVE**  
**BROOKLYN, NY 11211**

**RCRA NonGen / NLR** **1000693997**  
**NY LTANKS** **NYD987001849**  
**NY MANIFEST**  
**NY Spills**  
**US AIRS**

**Site 18 of 24 in cluster A**

**Relative:**  
**Lower**

RCRA NonGen / NLR:  
Date form received by agency: 01/01/2007  
Facility name: SHELL OIL CO  
Facility address: 2 BUSHWICK AVE  
BROOKLYN, NY 112112505  
EPA ID: NYD987001849  
Mailing address: JERICO PLZ  
JERICO, NY 11753  
Contact: Not reported  
Contact address: JERICO PLZ  
JERICO, NY 11753  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:**  
**38 ft.**

Owner/Operator Summary:  
Owner/operator name: SHELL OIL CO  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, NY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported  
Owner/operator name: SHELL OIL CO  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, NY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL OIL CO (Continued)**

**1000693997**

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Site name: SHELL OIL CO  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Site name: SHELL OIL CO  
Classification: Not a generator, verified

Date form received by agency: 05/15/1992  
Site name: SHELL OIL CO  
Classification: Large Quantity Generator

Violation Status: No violations found

LTANKS:

Site ID: 182085  
Spill Number/Closed Date: 8900824 / 4/30/1991  
Spill Date: 4/26/1989  
Spill Cause: Tank Test Failure  
Spill Source: Gasoline Station  
Spill Class: Not reported  
Cleanup Ceased: 4/30/1991  
Cleanup Meets Standard: True  
SWIS: 2401  
Investigator: SULLIVAN  
Referred To: Not reported  
Reported to Dept: 4/26/1989  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 5/2/1989  
Spill Record Last Update: 10/18/2004  
Spiller Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL OIL CO (Continued)**

**1000693997**

Spiller Company: SHELL OIL  
Spiller Address: 2 BUSHWICK AVENUE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 317029  
DEC Memo: Not reported  
Remarks: 550 GALLON TANK FAILED TANK AUDITOR WITH A LEAK RATE OF .10GPH, WILL EXCAVATE & REPAIR & RETEST, POSSIBLE PIPE LEAK,DEC INVESTIGATED SITE.

Material:  
Site ID: 182085  
Operable Unit ID: 927385  
Operable Unit: 01  
Material ID: 452150  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:  
Site ID: 182085  
Spill Tank Test: 1535388  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

NY MANIFEST:  
EPA ID: NYD987001849  
Country: USA

Mailing Info:  
Name: SHELL OIL COMPANY  
Contact: BROOKS PERLEE  
Address: ONE JERICHO PLAZA  
City/State/Zip: JERICHO, NY 11753  
Country: USA  
Phone: 000-000-0000

Document ID: ARA5581280  
Manifest Status: Completed copy

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL OIL CO (Continued)**

**1000693997**

Trans1 State ID: PC936H245  
Trans2 State ID: Not reported  
Generator Ship Date: 920618  
Trans1 Recv Date: 920618  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920622  
Part A Recv Date: Not reported  
Part B Recv Date: 920703  
Generator EPA ID: NYD987001849  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: Not reported  
TSDF ID: ARD069748192  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 01462  
Units: P - Pounds  
Number of Containers: 003  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

**SPILLS:**

Facility ID: 8901576  
Facility Type: ER  
DER Facility ID: 317029  
Site ID: 274225  
DEC Region: 2  
Spill Date: 5/16/1989  
Spill Number/Closed Date: 8901576 / 5/17/1989  
Spill Cause: Human Error  
Spill Class: Not reported  
SWIS: 2401  
Investigator: TAYLOR  
Referred To: Not reported  
Reported to Dept: 5/17/1989  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Tank Truck  
Spill Notifier: Responsible Party  
Cleanup Ceased: 5/17/1989  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 5/30/1989  
Spill Record Last Update: 3/1/2004  
Spiller Name: Not reported  
Spiller Company: SHELL  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Not reported  
Remarks: RAIN WASHED PRODUCT INTO SEWER.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL OIL CO (Continued)**

**1000693997**

Material:

Site ID: 274225  
Operable Unit ID: 927618  
Operable Unit: 01  
Material ID: 559461  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 20  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 0513496  
Facility Type: ER  
DER Facility ID: 317029  
Site ID: 359980  
DEC Region: 2  
Spill Date: 2/22/2006  
Spill Number/Closed Date: 0513496 / 2/28/2006  
Spill Cause: Equipment Failure  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 2401  
Investigator: SMSANGES  
Referred To: Not reported  
Reported to Dept: 2/22/2006  
CID: 409  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: Local Agency  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: True  
Remediation Phase: 0  
Date Entered In Computer: 2/22/2006  
Spill Record Last Update: 2/28/2006  
Spiller Name: ADAM WOLFE  
Spiller Company: AMACO GAS STATION  
Spiller Address: 2 BUSHWICK AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Company: 001  
Contact Name: ADAM WOLFE  
Contact Phone: (516) 997-9300  
DEC Memo: Not reported  
Remarks: FAILED LINE TEST. YESTERDAY DISPENSER WAS HIT BY A CAR AND THEN DID A LINE TEST. THE LINE TEST WAS STOPPED DO TO DRIP BUT THE GASOLINE ONLY WENT INTO THE DISPENSER PAN. REPAIRS WILL BE DONE FIRST THING IN THE MORNING AND THEN A RETEST. UPDATED @ 15:22 2/22/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL OIL CO (Continued)**

**1000693997**

Material:

Site ID: 359980  
Operable Unit ID: 1117170  
Operable Unit: 01  
Material ID: 2107651  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 9110815  
Facility Type: ER  
DER Facility ID: 317029  
Site ID: 274226  
DEC Region: 2  
Spill Date: 1/16/1992  
Spill Number/Closed Date: 9110815 / 6/9/2005  
Spill Cause: Unknown  
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 2401  
Investigator: KMFOLEY  
Referred To: Not reported  
Reported to Dept: 1/17/1992  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 2/6/1992  
Spill Record Last Update: 6/9/2005  
Spiller Name: Not reported  
Spiller Company: SHELL OIL  
Spiller Address: ONE JERICHO PLAZA  
Spiller City,St,Zip: JERICHO, NY 11753-001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "K FOLEY"SITE IS NOW AN AMOCO, OWNED NY WOLF PETROLEUM, PBS #2-1904112.DTW:22-24': GWF:NE. PRODUCT IN MW-2 AND MW-3.8/5/99 mtg: EnviroTrac will review and submit all historical data related to this site going back to the early 1990's. EnviroTrac will also review the

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL OIL CO (Continued)**

**1000693997**

contamination in well #3 and propose a clean up system (possibly biological)11/03 Reassigned from Sangesland to K Foley.11/20/03 E-mail from Steve Sangesland to Rob Rule: "It requires opening up a new spill for Amoco before closing out the old Shell spill case for the site. I believe Shell has made it's case that the present problem is due to Amoco's action, but Kerry will need to take action on it." 2/4/04 Spoke to Rob Rule. Requested he send actual historic concentration data. Data from post-1999 is indicative of a new release, however Shell needs to prove their case that concentrations were decreasing toward and close to groundwater standards. Rob indicated they have previously tried to come to an agreement with Wolf Petroleum but had no response.2/6/04 Received email from P. Sherwood, Phoenix Environmental. He attached copy of 6/6/03 letter to S. Sangesland requesting closure. Shell sold property to Wolf in April 1992. A product recovery pump and SVE system were operated by Shell from 1993 to 1994 to address residual hydrocarbons. Groundwater sampling continued until January 2000. Samples were collected and analyzed for VOCs and SVOCs in February 2003.From July 1990 to February 1998, MTBE concentrations in on-site wells MW-2 and MW-4 ranged from non-detect to 986ppb.From February 1999 to February 2003, MTBE concentrations in wells MW-2 and MW-4 ranged from 619ppb to 34,400ppb. Highest concentrations of MTBE in wells MW-2 and MW-4 were 34,400ppb and 23,300ppb, respectively.From 1990 to 1991, MTBE concentrations in MW-3 ranged from 24,400ppb to 26,000ppb. Product was detected intermittently in MW-3 from 1991 to 2003. On March 30, 1998 product was not present and a groundwater sample was collected with MTBE conc at 3,990ppb. In the most recent groundwater sampling results of MW-3, collected in 2000, MTBE ranged from 181,000ppb to 842,000ppb.In 1990 and 1991, groundwater samples were collected from MW-1 and analyzed for MTBE. Concentrations ranged from 1,600ppb to 24,000ppb. MW-1 was destroyed in 1993. MTBE concentrations in MW-1 appear to be a minor spike, localized to the tank field area. This is supported by the fact MTBE concentrations in downgradient well MW-2 ranged from 14ppb to 986ppb until 1999, when concentrations increased significantly.6/8/04 Meeting with Shell. They agreed to keep monitoring gw until legal issues have been resolved with Wolf for spill #0330060. DEC expects resolution in 6-12 months.11/23/04 Met with P. Sherwood, B. Hoashi(Phoenix) and R. Rule(Shell). Samples collected 8/30/04 showed 0.38' free product in MW-3. BTEX ranged from 3ppb(MW-2) to 20ppb(MW-4). MTBE from 18ppb(MW-2) to 251ppb(MW-4). Requesting closure due spill under new owner.See spill #0330060.

Remarks: PRODUCT IN SITE WELL MW3. WAS SULLIVAN SPILL. RE ASSIGNED TO MULQUEEN 4/18/95. SHELL ADDRESSING PROBLEM AT SITE, SEE FILE

Material:

Site ID: 274226  
Operable Unit ID: 964669  
Operable Unit: 01  
Material ID: 2096641  
Material Code: 1213A  
Material Name: MTBE (METHYL-TERT-BUTYL ETHER)  
Case No.: 01634044  
Material FA: Hazardous Material  
Quantity: Not reported  
Units: Not reported  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL OIL CO (Continued)**

**1000693997**

Site ID: 274226  
Operable Unit ID: 964669  
Operable Unit: 01  
Material ID: 415894  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 0330060  
Facility Type: ER  
DER Facility ID: 317029  
Site ID: 182084  
DEC Region: 2  
Spill Date: 1/1/1999  
Spill Number/Closed Date: 0330060 / Not Reported  
Spill Cause: Unknown  
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 2401  
Investigator: adzhitom  
Referred To: VEFR WILL BE CONDUCTED  
Reported to Dept: 2/4/2004  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: Other  
Cleanup Ceased: 10/15/2004  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 4  
Date Entered In Computer: 2/4/2004  
Spill Record Last Update: 2/11/2014  
Spiller Name: CARY WOLF  
Spiller Company: WOLF PETROLEUM  
Spiller Address: 125 JERICO TURNPIKE  
Spiller City,St,Zip: JERICO, NY 11753-  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: 2/4/04 Spill date is estimated as occurring sometime in 1999, based upon data submitted by Shell's consultant, Phoenix Environmental. Summary:DTW 20-25'bgs. Flow east to northeast.7/90-2/98 MTBE concentrations in onsite wells MW-2 and MW-4 ranged from ND to 986ppb. 2/99-2/03 MTBE concentrations in wells MW-2 and MW-4 ranged from 619ppb to 34400ppb. The highest concentrations of MTBE in wells

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL OIL CO (Continued)**

**1000693997**

MW-2 and MW-4 were 34400ppb and 23300ppb respectively. From 1990 to 1991, concentrations in MW-3 ranged from 24,000ppb to 26,000ppb. Product was detected intermittently in well MW-3 from 1991 to 2003. On March 30, 1998 product was not present and a groundwater sample was collected with an MTBE concentration of 3990ppb. In 2000, MTBE concentrations in MW-3 ranged from 181,000ppb to 842,000ppb. From 1990 to 1991, concentrations in MW-1 ranged from 1600ppb to 24000ppb for MTBE. MW-1 was destroyed during construction in 1993. MTBE concentrations in MW-1 appear to be a minor spike, localized to the tank field area. This is supported by the fact that down gradient MW-2 ranged from 14 to 986ppb until 1999 when MTBE concentrations throughout the site increased significantly. 2/13/04 Stipulation agreement faxed (516-997-3673) and mailed to Cary Wolf, Wolf Petroleum and B. Beck, National Environmental. 2/13/04 Spoke with B. Beck. He expressed concern that Shell will not be held responsible for their spill. I explained that Shell spill #9110815 remains open. He will speak to Cary Wolf on Tuesday 2/17/04 and get back to me. 4/21/04 Received letter from Mr. Wolf's attorney. Reluctant to execute a stipulation because "they have info suggesting the detection of increased MTBE is related to an upgradient, off-site discharge". There is a Hess station (810 Metropolitan, spill #9702757) but downgradient. Hess is possibly being affected by Amoco as per groundwater monitoring data from Hess from 2/04. 4/22/04 Spoke to B. Beck. Requested they put deadline extension request in writing with deadline for signing stip. 4/28/04 Received unsigned copy of letter from B. Beck. Report can be transmitted on or before June 4, 2004 assuming sampling is completed soon. Installation of upgradient wells may require more time. Will sample and survey all wells, possibly install upgradient wells, and complete FOIL process. Wish to arrange split sampling and gauging with Shell's consultant. Does not indicate when or if stipulation will be signed. 4/29/04 Referred to Legal, D. Rubinton. 9/29/04 Met with Barry Cohen (Certilman Balin Attorneys), Bruce Beck (consultant National Env.) with J. Rommel and L. Oliva. Wolf is taking responsibility for spill. B. Beck to send report by 10/1/04. To sign stip in interim of consent order. Changed stip to read 2 Bushwick Ave Corp (Wolf Petroleum) as the respondent. Emailed stip to B. Cohen. STIP due 10/6/04. 10/8/04 Spoke to B. Cohen. He will be bringing stip over to Wolf for signature today. 10/15/04 Received signed stip. Also received passing system test results (Crompco). 10/19/04 Stip fully executed by T. Kunkel. Investigation summary report due 12/19/04. 1/14/05 Received letter from B. Beck of partial completion of investigation which includes sample results for three wells. Results indicate BTEX from ND (MW-2,4) to 820ppb (MW-3). MTBE from 102ppb (MW-4) to 590ppb (MW-3). MW-1 has been destroyed. 6/30/05 Received quarterly report. Sampled three wells (MW-2,3,4) in 4/05. BTEX from ND (MW-4) to 3.4ppb (MW-2). MTBE from 3ppb (MW-4) to 17ppb (MW-2). Report states that construction of MW-4 was rehabilitated to avoid a nearby self-serve car wash machine run-off from entering well. MW-3 is mounted in a 2'X2' manhole pit which collects run-off and is "oily". Trace "oily" product found in MW-3 (0.3"). 1/31/06: Case reassigned to Andersen. Recent monitoring report overdue. MW-2 and MW-4 have low contaminant concentrations. MW-3 has 0.3 inches product. Sent Bruce Beck an email saying quarterly reports are overdue. He replied saying samples were just taken and he would send a report in approximately 4 weeks. 3/13/06: Received letter from Bruce Beck saying a report will be submitted. 5/19/06: Consent order meeting with Wolf scheduled for June

Map ID  
Direction  
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**SHELL OIL CO (Continued)**

**1000693997**

2 at 11am.6/8/06: Meeting with NYSDEC, Barry Cohen (Wolf's attorney's) and Bruce Beck (Wolf's consultant) regarding the consent order. Barry Cohen indicated that Sunoco may also be a responsible party. 7/10/06: Emailed Bruce Beck to set up a meeting to discuss deliverables required for consent order.7/13/06: Received update report dated 3/3/06. MW-4 was repaired. Groundwater samples collected on 1/30/06. MW-3 has a sheen, heavy oil staining, and a PVC pipe that connects it to MW-4 (probably used for recovery). Benzene 6.9 ppb in MW4. MTBE 73 in MW4. NEMA proposed: 1) clean all wells with Biosolve, 2) cleanout MW3 manway casing and seal well at top, 3) install a monitoring well in the location of former MW1, 4) sample wells quarterly (starting after Biosolve use. Approved proposed remedial methods.8/2/06: Meeting with Bruce Beck on 7/25/06 to discuss deliverables. Shell is also a potential responsible party for this spill. 9/28/06: Received email from Bruce Beck: "Why was Shell released from the spill?The numbers presented by them prior to the 'MTBE spike' were not near closure. The MTBE spike was a single event and the post spike concentrations returned to pre-spike concentrations immediately afterwards."1/11/07: Received update report. MW1 redrilled. MW3 cleaned with Biosolve. Wells sampled on 11/14/06. No product detected. Max BTEX 250 ppb (MW3), max MTBE 171 ppb (MW3). Quarterly sampling.5/1/07: Emailed Bruce Beck to followup on submission date for next report. 5/10/07: Left phone message for Bruce Beck to followup on overdue quarterly report.5/16/07: Reviewed update report. Wells sampled in February 2007. Trace LNAPL in MW3. Low dissolved concentrations in all wells. 8/6/07: Consent order effective 7/27/07. Update report due 10/25/07.9/12/07: Consent order modified, RAP due 10/27/07.2/28/08: Reviewed September 2007 - November 2007 Quarterly Monitoring Report dated January 10, 2008. VEFR conducted from MW 3 on November 14, 2008. 50 gallons recovered. Wells sampled on November 14, 2007. 0.05 ft LNAPL in MW3. Relatively low concentrations in other wells. Wells were gauged but groundwater flow direction was not determined.3/20/08 - Carlson: Meeting with Bruce Beck at 10am. A letter-report, titled Final report on Remedial Action, dated March 18, 2008, was submitted at the meeting. Groundwater samples were not collected, groundwater flow direction was not determined, and VEFR recovery volume and waste disposal manifests were not included. Continuation of weekly VEFR events was recommended.3/24/08 - Carlson: Reviewed report dated March 18, 2008. Report stated that weekly VEFR events have been conducted since Novemebr 17, 2007. However, no documentation on these events was provided in the report. Sent letter requiring documentation of VEFR events, quarterly groundwater sampling and gauging, and quarterly reporting. 5/8/08 - Carlson: Reviewed December 2007 - February 2008 Quarterly Monitoring Report dated March 31, 2008, received on May 7, 2008. Gauging and VEFR events were conducted once in November and December, three times in January, and twice in February. Trace product was found in MW3 in November, December, and February. Groundwater samples were collected on February 28, 2008. Maximum BTEX concentration was 3,380 ppb (MW3). Maximum MTBE concentration was 22 ppb (MW1). VEFR events will continue.7/24/08: Reviewed Quarterly Report dated June 20, 2008. Weekly gauging of all wells. A sheen was present in all wells at some point this quarter. Weekly VEFR upgraded to all wells. Wells sampled in May 2008. MW-3 not samples because a sheen was present. Low dissolved concentrations. Review effectiveness of VEFR.8/11/08 - Carlson: Reviewed report dated 8/8/08. Weekly VEFR ongoing. Sheen present in MW3 and MW 4 in June 2008. Groundwater

Map ID  
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**SHELL OIL CO (Continued)**

**1000693997**

sampling data was not included.8/20/08 - Carlson: Meeting on 8/19/08 with Bruce Beck and Tracy Wall. The Department requests additional delineation. Workplan due by 10/08.9/24/08 - Carlson: Reviewed Final Report dated 8/8/08.10/30/08 - Carlson: Reviewed June 2008 - August 2008 Quarterly Monitoring Report. Wells sampled on August 14, 2008. Sheen present in MW3 and MW4. Maximum BTEX concentration 189 ppb (MW1), maximum MTBE concentration 17 ppb (MW1). Weekly VEFR from MW3, and MW4 if necessary. Delineation workplan was not received.11/19/08 - Carlson: Meeting with NEMA. IP due by end of year.12/18/08 - Carlson: Received FOIL request for 95-02757, IP deadline extended to 1/30/09 to allow for review of FOIL request.2/20/09 - Carlson: DEC Leung returned case file because FOIL officer did not get a response from NEMA.Reviewed Quarterly Report dated January 4, 2009. Wells gauged weekly. Weekly VEFR. Sheen present in every well throughout quarter. Groundwater flow direction was not indicated on the site plan. IP overdue.Received letter dated January 25, 2009 requesting reduction in VEFR from weekly to twice-monthly.2/23/09: Received request for extension from Tracy Wall. Replied how long of an extension she is requesting (it is already three weeks overdue, and they have had one extension already).4/8/09 - Carlson: Reviewed December 2008 - February 2009 Quarterly Report and Investigation Workplan dated March 22, 2009. Wells sampled on March 5, 2009. Sheen present in MW1 and MW2. Maximum BTEX concentration 254 ppb (MW3), maximum MTBE concentration 611 ppb (MW3). Weekly VEFR ongoing. Discuss effectiveness of VEFR at the upcoming meeting. Investigation workplan proposes installation of two downgradient wells on Humbolt Street. Is it possible to install a well in the parking lot at 358 Humbolt Street? Left voice message for Tracy Wall.4/29/09 - Carlson: Met with Bruce Beck. He will pursue access agreement with owner of parking lot. Revised workplan due 5/30/09.6/3/09 - Carlson: Received email from Bruce Beck. Access agreement in progress. Extension needed for workplan submittal.7/2/09 - Carlson: Received email from Bruce Beck - access agreement will be sent to off-site owner.7/8/09 - Carlson: Reviewed March 2009 - May 2009 Quarterly Monitoring Report. Wells sampled on May 28, 2009. Weekly VEFR ongoing. Sheen in every well throughout quarter. Low dissolved concentrations.10/7/09 - Carlson: Received update report. LNAPL in MW 2,3,4. Weekly VEFR ongoing. Revised investigation plan overdue.10/13/09 - Carlson: Received email from Bruce Beck: sidewalk wells will be installed this week. Revised IP required for well in private parking lot, they are working on access to the private parking lot.11/18/2009 - Carlson: Meeting with Bruce Beck. IP for well installation overdue. RIR for sidewalk well installation due 1/30/2010. Wolf's attorney Barry Cohen will work on access for well installation in private parking lot.1/7/2010 - Carlson: Approved extension for investigation and quarterly report submittal to 1/31/2010.2/11/2010 - Carlson: Received RIR. Two sidewalk wells are clean, but soil samples were not collected. Received email - they can go back and do soil borings to delineate soil. IP for well in private parking lot overdue. 2/17/2010 - Carlson: Portfolio review meeting with Bruce Beck. NYSDEC to issue letter requiring delineation work plan. 3/4/2010 - Carlson: Issued letter requiring delineation work plan for soil borings adjacent to monitoring wells MW5 and 6, and a proposed mw in private parking lot to the SW of the property. Due 4/5/2010.4/7/2010 - Carlson: Received cc of access request to adjacent property owner.4/20/2010 - Carlson: Reviewed update report and investigation work plan. 4/21/2010 - Carlson: Approved work plan for installation of one off-site

Map ID  
Direction  
Distance  
Elevation

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**SHELL OIL CO (Continued)**

**1000693997**

monitoring well (in the adjacent private parking lot), and three soil borings. RIR due in 60 days.7/16/2010 - Carlson: Reviewed RIR and QMR. Three soil borings performed adjacent to MW's 3,5,6. Low level soil impact present in boring adjacent to MW3. Sheen present in MW3. Off-site soil boring in private parking lot was not installed. Weekly VEFR ongoing.1/14/11 - Obligado - I received a letter from Impact requesting monthly instead of weekly gauging, since product has not been encountered for the past 3 months. I approved this request.4/6/11 - Obligado - I reviewed the 1Q11 update report. BTEX concentrations of 16,760 ug/L were detected in MW3. No product detected. GW is 22 feet below grade. I reviewed some historical reports to gain information related to free product and subway tunnel. According to a 1990 Handex report, there is a subway easement in the northeast corner of the site. The bottom of the tunnel is 26 feet bgs. The top of the tunnel is approximately 7 feet below grade. Therefore the tunnel cuts across the water table and probably acts as a ground water barrier. The subway contains a sump-pump system for seepage along length of the tunnel and two pump stations located within the vicinity of the site. 9/27/11 - Obligado - I reviewed the 2Q11 update report. No product detected. 6201 ug/L BTEX in MW3. They recommend returning to quarterly gauging due to continued lack of product.Meeting held on 1/30/2012 with Christine Camardella and Kevin Kleaka of Impact Environmental, Barry Cohen of Certilman Balin, and Carlson, Kolleeny and Urda of NYSDEC. IWP to be submitted in 30 days for an additional on-site well in the NE portion of the site. May not be feasible because the subway is located directly adjacent to the site.3/16/2012 - Carlson: Reviewed 4th quarter 2011 update report. MW1 not sampled - inaccessible. MW2 - MW4 sampled only. No LNAPL noted. Large decrease in VOC concentration in MW3 since last sampling. Significant VOC concentration in MW1 in 9/26/11 sampling event. IWP for on-site delineation overdue - as discussed during 1/30/12 meeting. 3/29/12 - Carlson: Reviewed IWP, delineation not accessible due to subway. MNA proposed. 9/11/12 - Carlson: Reviewed 2nd quarterly update report dated 7/17/12. The report documents groundwater gauging and sampling conducted in June 2012. Volatile organic compounds are present above the Departments standards in three wells. 9/12/12 - Carlson: Issued RAWP required letter. RAWP due 10/12/12.11/8/12 - Carlson: Received email from Christine Camardella on 9/14/12. Remediation not possible because MW-3 is located 13 feet from the subway tunnel. No intrusive work allowed within 20 feet of subway tunnel (this includes chemical injection). Replied to email - how about waterloo oxygen emitters?07/15/13 - Spill Case is transferred from Sarah Carlson (Section C) to Brevdo (Section B) as per DER Region 2 decision. VB07/30/2013 - Spill Case is re-assigned to Alex Zhitomirsky. Re-assignment of Wolf cases to Alex Zhitomirsky discussed between Alex Zhitormirsky and Vadim Brevdo on 7/29/2013 and via Brevdo's e-mails of 7/17/2013 and 7/29/2013. VB11-15-2013 Received an e-mail from Christine Camardella dated 11-13-2013:"Alex,This is to inform you that we are proceeding with the installation of one soil boring at the above-referenced Site on Monday, November 18th. The soil data will be used to determine the effectiveness of the soil vapor extraction system that operated at the Site pursuant to our previous request for no further action in which the NYSDEC requested current soil data.If you have any questions please do not hesitate to contact me.Thank you.Christine CamardellaIMPACT ENVIRONMENTALT | 631.269.8800"I left a message requesting info regarding location of the planned boring. AZ2-10-2014

Map ID  
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Distance  
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**SHELL OIL CO (Continued)**

**1000693997**

Remarks: Reviewed a 2nd quarter 2013 monitoring report received on August 16, 2013. The report stated that total VOCs ranged 10 ppb to 853 ppb in MW-3. Contamination found in MW-3 is due to residual contamination from the original spill number. Impact conducted a vacuum enhanced fluid recovery (EFR) event on June 6, 2013. Approximately 84 gallons of water was removed from two wells. AZ  
MTBE spike detected during groundwater monitoring for spill #9110815. Possible new release. Currently an Amoco station owned by Wolf Petroleum.

Material:

Site ID: 182084  
Operable Unit ID: 880626  
Operable Unit: 01  
Material ID: 496565  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: True  
Site ID: 182084  
Operable Unit ID: 880626  
Operable Unit: 01  
Material ID: 574723  
Material Code: 2645A  
Material Name: BTEX  
Case No.: Not reported  
Material FA: Oxygenates  
Quantity: Not reported  
Units: Not reported  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: True  
Site ID: 182084  
Operable Unit ID: 880626  
Operable Unit: 01  
Material ID: 574722  
Material Code: 1213A  
Material Name: MTBE (METHYL-TERT-BUTYL ETHER)  
Case No.: 01634044  
Material FA: Hazardous Material  
Quantity: Not reported  
Units: Not reported  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: True

Tank Test:

AIRS (AFS):

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL OIL CO (Continued)**

**1000693997**

Airs Minor Details:

EPA plant ID: 110001572227  
Plant name: AMOCO SVCE STA  
Plant address: 2 BUSHWICK AVE  
BROOKLYN, NY 11211  
County: KINGS  
Region code: 02  
Dunn & Bradst #: Not reported  
Air quality cntrl region: 043  
Sic code: 5541  
Sic code desc: GASOLINE SERVICE STATIONS  
North Am. industrial classf: Not reported  
NAIC code description: Not reported  
Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT  
Current HPV: Not reported

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1102  
Air prog code hist file: SIP SOURCE  
  
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1104  
Air prog code hist file: SIP SOURCE  
  
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1203  
Air prog code hist file: SIP SOURCE  
  
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1301  
Air prog code hist file: SIP SOURCE  
  
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1004  
Air prog code hist file: SIP SOURCE  
  
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1101  
Air prog code hist file: SIP SOURCE  
  
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1103  
Air prog code hist file: SIP SOURCE  
  
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1201  
Air prog code hist file: SIP SOURCE  
  
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1202  
Air prog code hist file: SIP SOURCE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL OIL CO (Continued)**

**1000693997**

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1204  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1302  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1303  
Air prog code hist file: SIP SOURCE

Compliance & Violation Data by Minor Sources:

Air program code: SIP SOURCE  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT  
Repeat violator date: Not reported  
Turnover compliance: Not reported

Air program code: SIP SOURCE  
Plant air program pollutant: VOLATILE ORGANIC COMPOUNDS  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: Not reported  
Repeat violator date: Not reported  
Turnover compliance: Not reported

**A19**  
**East**  
**< 1/8**  
**0.036 mi.**  
**191 ft.**

**SHELL SERVICE STATION**  
**2 BUSHWICK AVENUE**  
**BROOKLYN, NY 11211**  
**Site 19 of 24 in cluster A**

**NY AST** **U001832999**  
**N/A**

**Relative:**  
**Lower**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-190411  
Program Type: PBS  
UTM X: 589396.13497999997  
UTM Y: 4507603.2218000004  
Expiration Date: 09/20/2018  
Site Type: Retail Gasoline Sales

**Actual:**  
**38 ft.**

Affiliation Records:  
Site Id: 5875  
Affiliation Type: Facility Owner  
Company Name: 2 BUSHWICK AVENUE CORP  
Contact Type: PRESIDENT  
Contact Name: CARY WOLF  
Address1: 125 JERICHO TURNPIKE SUITE 401  
Address2: Not reported  
City: JERICHO  
State: NY  
Zip Code: 11753  
Country Code: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**U001832999**

Phone: (516) 997-9300  
EMail: Not reported  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 8/14/2013

Site Id: 5875  
Affiliation Type: Mail Contact  
Company Name: 2 BUSHWICK AVENUE CORP.  
Contact Type: Not reported  
Contact Name: CARY WOLF  
Address1: 125 JERICHO TURNPIKE  
Address2: SUITE 401  
City: JERICHO  
State: NY  
Zip Code: 11753  
Country Code: 001  
Phone: (516) 997-9300  
EMail: CWOLF@BWPETROLEUM.COM  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 3/30/2011

Site Id: 5875  
Affiliation Type: On-Site Operator  
Company Name: SHELL SERVICE STATION  
Contact Type: Not reported  
Contact Name: DAVID CHEN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 388-0310  
EMail: Not reported  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 8/14/2013

Site Id: 5875  
Affiliation Type: Emergency Contact  
Company Name: 2 BUSHWICK AVENUE CORP  
Contact Type: Not reported  
Contact Name: CARY WOLF  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (516) 997-9300  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 3/30/2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**U001832999**

Tank Info:

Tank Number: 004  
Tank Id: 81916  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
A00 - Tank Internal Protection - None  
D10 - Pipe Type - Copper  
G01 - Tank Secondary Containment - Diking (Aboveground)  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping  
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)  
K00 - Spill Prevention - None  
C01 - Pipe Location - Aboveground  
E00 - Piping Secondary Containment - None

Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: 07/01/1993  
Capacity Gallons: 275  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: KAKYER  
Last Modified: 08/14/2013  
Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: 005  
Tank Id: 82090  
Material Code: 0022  
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

D00 - Pipe Type - No Piping  
J00 - Dispenser - None  
A00 - Tank Internal Protection - None  
G01 - Tank Secondary Containment - Diking (Aboveground)  
B01 - Tank External Protection - Painted/Asphalt Coating  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)  
L00 - Piping Leak Detection - None  
K00 - Spill Prevention - None  
E00 - Piping Secondary Containment - None

Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**U001832999**

Tank Status: In Service  
Pipe Model: Not reported  
Install Date: 07/01/1993  
Capacity Gallons: 275  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: KAKYER  
Last Modified: 08/14/2013  
Material Name: Waste Oil/Used Oil

**A20**  
**East**  
**< 1/8**  
**0.036 mi.**  
**191 ft.**

**SHELL SERVICE STATION**  
**2 BUSHWICK AVENUE**  
**BROOKLYN, NY 11211**

**NY UST** **U004061890**  
**N/A**

**Site 20 of 24 in cluster A**

**Relative:**  
**Lower**

UST:  
Id/Status: 2-190411 / Active  
Program Type: PBS  
Region: STATE  
DEC Region: 2  
Expiration Date: 09/20/2018  
UTM X: 589396.13497999997  
UTM Y: 4507603.2218000004  
Site Type: Retail Gasoline Sales

**Actual:**  
**38 ft.**

Affiliation Records:  
Site Id: 5875  
Affiliation Type: Facility Owner  
Company Name: 2 BUSHWICK AVENUE CORP  
Contact Type: PRESIDENT  
Contact Name: CARY WOLF  
Address1: 125 JERICHO TURNPIKE SUITE 401  
Address2: Not reported  
City: JERICHO  
State: NY  
Zip Code: 11753  
Country Code: 001  
Phone: (516) 997-9300  
EMail: Not reported  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 8/14/2013

Site Id: 5875  
Affiliation Type: Mail Contact  
Company Name: 2 BUSHWICK AVENUE CORP.  
Contact Type: Not reported  
Contact Name: CARY WOLF  
Address1: 125 JERICHO TURNPIKE  
Address2: SUITE 401  
City: JERICHO  
State: NY  
Zip Code: 11753  
Country Code: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**U004061890**

Phone: (516) 997-9300  
EMail: CWOLF@BWPETROLEUM.COM  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 3/30/2011

Site Id: 5875  
Affiliation Type: On-Site Operator  
Company Name: SHELL SERVICE STATION  
Contact Type: Not reported  
Contact Name: DAVID CHEN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 388-0310  
EMail: Not reported  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 8/14/2013

Site Id: 5875  
Affiliation Type: Emergency Contact  
Company Name: 2 BUSHWICK AVENUE CORP  
Contact Type: Not reported  
Contact Name: CARY WOLF  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (516) 997-9300  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 3/30/2011

**Tank Info:**

Tank Number: 001  
Tank ID: 81901  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 07/01/1993  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 2712  
Common Name of Substance: Gasoline/Ethanol  
  
Tightness Test Method: 21  
Date Test: 03/02/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**U004061890**

Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: KAKYER  
Last Modified: 08/14/2013

Equipment Records:

- F04 - Pipe External Protection - Fiberglass
- K01 - Spill Prevention - Catch Basin
- A00 - Tank Internal Protection - None
- J01 - Dispenser - Pressurized Dispenser
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I02 - Overfill - High Level Alarm
- E04 - Piping Secondary Containment - Double-Walled (Underground)
- L02 - Piping Leak Detection - Interstitial - Manual Monitoring
- B04 - Tank External Protection - Fiberglass
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- C03 - Pipe Location - Aboveground/Underground Combination

Tank Number: 001-A  
Tank ID: 81904  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 03/01/1992  
Date Tank Closed: 05/01/1993  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

- C02 - Pipe Location - Underground/On-ground
- I00 - Overfill - None
- F01 - Pipe External Protection - Painted/Asphalt Coating
- H00 - Tank Leak Detection - None
- G00 - Tank Secondary Containment - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- A00 - Tank Internal Protection - None
- D02 - Pipe Type - Galvanized Steel
- J02 - Dispenser - Suction Dispenser

Tank Number: 002  
Tank ID: 81905  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**U004061890**

Install Date: 07/01/1993  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 2712  
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21  
Date Test: 03/02/2004  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: KAKYER  
Last Modified: 08/14/2013

Equipment Records:

A00 - Tank Internal Protection - None  
J01 - Dispenser - Pressurized Dispenser  
F04 - Pipe External Protection - Fiberglass  
K01 - Spill Prevention - Catch Basin  
E04 - Piping Secondary Containment - Double-Walled (Underground)  
L02 - Piping Leak Detection - Interstitial - Manual Monitoring  
B04 - Tank External Protection - Fiberglass  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
C03 - Pipe Location - Aboveground/Underground Combination

Tank Number: 002-A  
Tank ID: 81909  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 03/01/1992  
Date Tank Closed: 05/01/1993  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating  
G00 - Tank Secondary Containment - None  
C02 - Pipe Location - Underground/On-ground  
I00 - Overfill - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**U004061890**

A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser

Tank Number: 003  
Tank ID: 81910  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 3000  
Install Date: 07/01/1993  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 2712  
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21  
Date Test: 03/02/2004  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: KAKYER  
Last Modified: 08/14/2013

Equipment Records:

F04 - Pipe External Protection - Fiberglass  
K01 - Spill Prevention - Catch Basin  
A00 - Tank Internal Protection - None  
J01 - Dispenser - Pressurized Dispenser  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
B04 - Tank External Protection - Fiberglass  
E04 - Piping Secondary Containment - Double-Walled (Underground)  
L02 - Piping Leak Detection - Interstitial - Manual Monitoring  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
C03 - Pipe Location - Aboveground/Underground Combination

Tank Number: 003-A  
Tank ID: 81913  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 03/01/1992  
Date Tank Closed: 05/01/1993  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**U004061890**

Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
C02 - Pipe Location - Underground/On-ground  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None

Tank Number: 005-A  
Tank ID: 82864  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 03/01/1992  
Date Tank Closed: 05/01/1993  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
C02 - Pipe Location - Underground/On-ground  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None

Tank Number: 006  
Tank ID: 6838  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 03/01/1992  
Date Tank Closed: 05/01/1993  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**U004061890**

Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground  
I00 - Overfill - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
B01 - Tank External Protection - Painted/Asphalt Coating  
G00 - Tank Secondary Containment - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None

Tank Number: 007  
Tank ID: 6839  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 03/01/1992  
Date Tank Closed: 05/01/1993  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
C02 - Pipe Location - Underground/On-ground  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None

Tank Number: 008  
Tank ID: 6840  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**U004061890**

Install Date: 03/01/1992  
Date Tank Closed: 05/01/1993  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
F00 - Pipe External Protection - None  
G03 - Tank Secondary Containment - Vault (w/o access)  
I00 - Overfill - None  
B00 - Tank External Protection - None  
C01 - Pipe Location - Aboveground  
H00 - Tank Leak Detection - None

Tank Number: 009  
Tank ID: 6841  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 03/01/1992  
Date Tank Closed: 05/01/1993  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None  
C02 - Pipe Location - Underground/On-ground  
I00 - Overfill - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**U004061890**

Tank Number: 010  
Tank ID: 6842  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 03/01/1992  
Date Tank Closed: 05/01/1993  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 9999  
Common Name of Substance: Other

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
C02 - Pipe Location - Underground/On-ground  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None

Tank Number: 011  
Tank ID: 6843  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1968  
Date Tank Closed: 05/01/1993  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**U004061890**

B00 - Tank External Protection - None  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None

Tank Number: 04  
Tank ID: 81914  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 03/01/1992  
Date Tank Closed: 05/01/1993  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 07/25/2007

Equipment Records:

G00 - Tank Secondary Containment - None  
C02 - Pipe Location - Underground/On-ground  
I00 - Overfill - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser

A21  
East  
< 1/8  
0.036 mi.  
191 ft.

**2 BUSHWICK AVE  
BROOKLYN, NY 11211**  
**Site 21 of 24 in cluster A**

**EDR US Hist Auto Stat 1015299061  
N/A**

**Relative:  
Lower**

EDR Historical Auto Stations:

Name: L & R SHELL AUTO SERVICE INC  
Year: 2001  
Address: 2 BUSHWICK AVE

**Actual:  
38 ft.**

Name: L & R SHELL AUTO SERVICE INC  
Year: 2002  
Address: 2 BUSHWICK AVE

Name: R & R AUTO REPAIR SHOP  
Year: 2003  
Address: 2 BUSHWICK AVE

Name: R & R AUTO REPAIR SHOP  
Year: 2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015299061

Address: 2 BUSHWICK AVE  
Name: K & D AUTO REPAIR SHOP  
Year: 2005  
Address: 2 BUSHWICK AVE

A22  
East  
< 1/8  
0.038 mi.  
198 ft.

5 BUSHWICK AVE  
BROOKLYN, NY 11211

EDR US Hist Auto Stat 1015520556  
N/A

Site 22 of 24 in cluster A

Relative:  
Lower

EDR Historical Auto Stations:

Name: STAR RITE TRANSMISSIONS INCORPORATED  
Year: 2000  
Address: 5 BUSHWICK AVE

Actual:  
38 ft.

Name: STAR RITE TRANSMISSIONS INC  
Year: 2003  
Address: 5 BUSHWICK AVE

Name: STAR RITE TRANSMISSIONS INC  
Year: 2004  
Address: 5 BUSHWICK AVE

Name: STAR RITE TRANSMISSIONS INC  
Year: 2005  
Address: 5 BUSHWICK AVE

A23  
East  
< 1/8  
0.038 mi.  
198 ft.

MERIT S/S / BKLN  
METROPOLITAN & BUSHWICK  
BROOKLYN, NY

NY Spills S102145594  
N/A

Site 23 of 24 in cluster A

Relative:  
Lower

SPILLS:

Facility ID: 8909052  
Facility Type: ER  
DER Facility ID: 199943  
Site ID: 243418  
DEC Region: 2  
Spill Date: 12/14/1989  
Spill Number/Closed Date: 8909052 / 12/14/1989  
Spill Cause: Equipment Failure  
Spill Class: Not reported  
SWIS: 2401  
Investigator: SIGONA  
Referred To: Not reported  
Reported to Dept: 12/14/1989  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Tank Truck  
Spill Notifier: Responsible Party  
Cleanup Ceased: 12/14/1989  
Cleanup Meets Std: True  
Last Inspection: Not reported

Actual:  
38 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT S/S / BKLN (Continued)**

**S102145594**

Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 1/2/1990  
Spill Record Last Update: 9/30/2004  
Spiller Name: Not reported  
Spiller Company: ISL TRANS  
Spiller Address: 57-00 37 ST  
Spiller City,St,Zip: MASPETH, ZZ  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Not reported  
Remarks: MECHANICAL FAILURE - DIESEL SPURTED OUT BECAUSE OF PRESSURE. TYREE TO CLEAN.(718)4762058. NO DIESEL IMPACT TO GROUNDWATER, CATCH BASIN CLEANED OUT BY ITC.

Material:  
Site ID: 243418  
Operable Unit ID: 934075  
Operable Unit: 01  
Material ID: 442231  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 8  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**A24**  
**East**  
**< 1/8**  
**0.038 mi.**  
**200 ft.**

**807 METROPOLITAN AVE**  
**BROOKLYN, NY 11211**  
**Site 24 of 24 in cluster A**

**EDR US Hist Auto Stat 1015641847**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**38 ft.**

EDR Historical Auto Stations:  
Name: BROOKLYN CITY TRANSMISSIONS  
Year: 1999  
Address: 807 METROPOLITAN AVE  
  
Name: BROOKLYN CITY TRANSMISSIONS  
Year: 2000  
Address: 807 METROPOLITAN AVE  
  
Name: BROOKLYN CITY TRANSMISSIONS  
Year: 2001  
Address: 807 METROPOLITAN AVE  
  
Name: BROOKLYN CITY TRANSMISSION INC  
Year: 2002  
Address: 807 METROPOLITAN AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015641847

Name: APPLE AUTO GROUP  
Year: 2008  
Address: 807 METROPOLITAN AVE

B25  
NE  
< 1/8  
0.040 mi.  
210 ft.

ST FRANCIS OF PAOLA CHURCH  
219 CONSELYEA STREET  
BROOKLYN, NY 11211

NY UST U000399951  
NY HIST UST N/A

Site 1 of 3 in cluster B

Relative:  
Lower

UST:  
Id/Status: 2-316393 / Active  
Program Type: PBS  
Region: STATE  
DEC Region: 2  
Expiration Date: 07/10/2012  
UTM X: 589372.61938000005  
UTM Y: 4507680.6580800004  
Site Type: Other

Actual:  
36 ft.

Affiliation Records:

Site Id: 14506  
Affiliation Type: Facility Owner  
Company Name: ST FRANCIS OF PAOLA CHURCH  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 219 CONSELYEA ST  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 387-0256  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 8/11/2008

Site Id: 14506  
Affiliation Type: Mail Contact  
Company Name: ST FRANCIS OF PAOLA CHURCH  
Contact Type: Not reported  
Contact Name: LORETTA PIZZA  
Address1: 219 CONSELYEA STREET  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 387-0256  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 8/11/2008

Site Id: 14506  
Affiliation Type: On-Site Operator  
Company Name: ST FRANCIS OF PAOLA CHURCH

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST FRANCIS OF PAOLA CHURCH (Continued)**

**U000399951**

Contact Type: Not reported  
Contact Name: ST FRANCIS OF PAOLA CHURCH  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 387-0256  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 14506  
Affiliation Type: Emergency Contact  
Company Name: ST FRANCIS OF PAOLA CHURCH  
Contact Type: Not reported  
Contact Name: RC DIOCESE OF BKLYN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 638-5500  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001  
Tank ID: 12961  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 3000  
Install Date: 01/01/1940  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21  
Date Test: 01/07/2014  
Next Test Date: 01/07/2019  
Pipe Model: Not reported  
Modified By: BKFALVEY  
Last Modified: 02/14/2014

Equipment Records:

H00 - Tank Leak Detection - None  
B00 - Tank External Protection - None  
L09 - Piping Leak Detection - Exempt Suction Piping

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST FRANCIS OF PAOLA CHURCH (Continued)**

**U000399951**

J02 - Dispenser - Suction Dispenser  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
A00 - Tank Internal Protection - None  
G00 - Tank Secondary Containment - None  
F00 - Pipe External Protection - None  
C00 - Pipe Location - No Piping  
I00 - Overfill - None

**HIST UST:**

PBS Number: 2-316393  
SPDES Number: Not reported  
Emergency Contact: RC DIOCESE OF BKLYN  
Emergency Telephone: (718) 638-5500  
Operator: ST FRANCIS OF PAOLA CHURCH  
Operator Telephone: (718) 387-0256  
Owner Name: ST FRANCIS OF PAOLA CHURCH  
Owner Address: 219 CONSELYEA ST  
Owner City,St,Zip: BKLYN, NY 11211  
Owner Telephone: (718) 387-0256  
Owner Type: Not reported  
Owner Subtype: Not reported  
Mailing Name: ST FRANCIS OF PAOLA CHURCH  
Mailing Address: 219 CONSELYEA ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BKLYN, NY 11211  
Mailing Contact: Not reported  
Mailing Telephone: (718) 387-0256  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Facility Addr2: 219 CONSELYEA ST  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: OTHER  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: 09/08/1998  
Expiration Date: 07/10/2002  
Renew Flag: False  
Renewal Date: Not reported  
Total Capacity: 3000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: Minor Data Missing  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2  
  
Tank Id: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST FRANCIS OF PAOLA CHURCH (Continued)**

**U000399951**

Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (gals): 3000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Second Containment: None  
Leak Detection: None  
Overfill Prot: Not reported  
Dispenser: Suction  
Date Tested: 07/01/1998  
Next Test Date: 07/01/2003  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Horner EZ Check  
Deleted: False  
Updated: True  
Lat/long: Not reported

**C26  
ESE  
< 1/8  
0.040 mi.  
211 ft.**

**METROPOLITAN AVE/MERRIT  
METROPOLITAN&BUSHWICK AVE  
NEW YORK CITY, NY**

**NY LTANKS S102671408  
N/A**

**Site 1 of 6 in cluster C**

**Relative:  
Higher**

**LTANKS:**

**Actual:  
39 ft.**

Site ID: 252968  
Spill Number/Closed Date: 8903546 / 7/10/1989  
Spill Date: 7/9/1989  
Spill Cause: Tank Overfill  
Spill Source: Gasoline Station  
Spill Class: Not reported  
Cleanup Ceased: 7/10/1989  
Cleanup Meets Standard: True  
SWIS: 2401  
Investigator: RWAUSTIN  
Referred To: Not reported  
Reported to Dept: 7/9/1989  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 7/11/1989  
Spill Record Last Update: 9/30/2004  
Spiller Name: Not reported  
Spiller Company: ISLAND TRANSPORTATION  
Spiller Address: 5700 47TH STREET  
Spiller City,St,Zip: MASPETH, NY  
Spiller County: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METROPOLITAN AVE/MERRIT (Continued)**

**S102671408**

Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 207227  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "AUSTIN"07/10/89: NO ACTION REQUIRED OF DEC DUE TO SIZE OF SPILL.  
Remarks: FIRE DEPT ON SCENE, SPILL CLEANED UP WITH SPEEDY DRY, REPORT CONFIRMEDWITH FIRE DEPT DISPATCHER.

Material:  
Site ID: 252968  
Operable Unit ID: 931040  
Operable Unit: 01  
Material ID: 447631  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 5  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**C27**  
**East**  
**< 1/8**  
**0.045 mi.**  
**235 ft.**

**810 METROPOLITAN AVE**  
**BROOKLYN, NY 11211**

**Site 2 of 6 in cluster C**

**EDR US Hist Auto Stat 1015643131**  
**N/A**

**Relative:**  
**Lower**

EDR Historical Auto Stations:

Name: MERIT GASOLINE STATIONS  
Year: 1999  
Address: 810 METROPOLITAN AVE

Name: MERIT GASOLINE STATIONS  
Year: 2000  
Address: 810 METROPOLITAN AVE

Name: MERIT GAS STATIONS  
Year: 2001  
Address: 810 METROPOLITAN AVE

Name: AMERADA HESS CORP  
Year: 2003  
Address: 810 METROPOLITAN AVE

Name: AMERIDA HESS GAS STATION  
Year: 2006  
Address: 810 METROPOLITAN AVE

Name: AMERIDA HESS GAS STATION  
Year: 2007

**Actual:**  
**38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015643131

Address: 810 METROPOLITAN AVE  
Name: AMERIDA HESS GAS STATION  
Year: 2008  
Address: 810 METROPOLITAN AVE  
Name: HESS CORP  
Year: 2009  
Address: 810 METROPOLITAN AVE  
Name: MERIT GASOLINE STATIONS  
Year: 2010  
Address: 810 METROPOLITAN AVE  
Name: MERIT GASOLINE STATIONS  
Year: 2011  
Address: 810 METROPOLITAN AVE  
Name: MERIT GASOLINE STATIONS  
Year: 2012  
Address: 810 METROPOLITAN AVE

C28  
East  
< 1/8  
0.045 mi.  
235 ft.

**MERIT OIL CORP**  
**810 METROPOLITAN AVE**  
**BROOKLYN, NY 11211**  
**Site 3 of 6 in cluster C**

RCRA NonGen / NLR  
FINDS  
NY LTANKS  
NY UST  
NY MANIFEST  
NY Spills  
US AIRS

1000263777  
NYD982185720

Relative:  
Lower

RCRA NonGen / NLR:

Actual:  
38 ft.

Date form received by agency: 01/01/2007  
Facility name: MERIT OIL CORP  
Facility address: 810 METROPOLITAN AVE  
BROOKLYN, NY 112112515  
EPA ID: NYD982185720  
Mailing address: W LANCASTER AVE  
HAVERFORD, NY 19041  
Contact: Not reported  
Contact address: W LANCASTER AVE  
HAVERFORD, NY 19041  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MERIT OIL CORP  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

Owner/Op end date: Not reported  
  
Owner/operator name: MERIT OIL CORP  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Site name: MERIT OIL CORP  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Site name: MERIT OIL CORP  
Classification: Not a generator, verified

Date form received by agency: 05/11/1987  
Site name: MERIT OIL CORP  
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004415954

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

**LTANKS:**

Site ID: 158143  
Spill Number/Closed Date: 9404715 / 11/22/1994  
Spill Date: 7/6/1994  
Spill Cause: Tank Test Failure  
Spill Source: Gasoline Station  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 11/22/1994  
Cleanup Meets Standard: True  
SWIS: 2401  
Investigator: O'DOWD  
Referred To: Not reported  
Reported to Dept: 7/6/1994  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 10/5/1994  
Spill Record Last Update: 3/29/1995  
Spiller Name: Not reported  
Spiller Company: MERIT SERVICE STATION  
Spiller Address: 810 METROPOLITAN AVENUE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 133692  
DEC Memo: Not reported  
Remarks: ISOLATE/RETEST

**Material:**

Site ID: 158143  
Operable Unit ID: 998987  
Operable Unit: 01

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

Material ID: 381316  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Not reported  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 158143  
Spill Tank Test: 1542924  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

**UST:**

Id/Status: 2-297410 / Active  
Program Type: PBS  
Region: STATE  
DEC Region: 2  
Expiration Date: 05/23/2015  
UTM X: 589406.49727000005  
UTM Y: 4507604.8834600002  
Site Type: Retail Gasoline Sales

**Affiliation Records:**

Site Id: 13734  
Affiliation Type: Facility Owner  
Company Name: HESS CORPORATION  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 1 HESS PLAZA  
Address2: Not reported  
City: WOODBRIDGE  
State: NJ  
Zip Code: 07095  
Country Code: 001  
Phone: (732) 750-6000  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 5/31/2013

Site Id: 13734  
Affiliation Type: Mail Contact  
Company Name: HESS CORPORATION  
Contact Type: LICENSE COORDINATOR  
Contact Name: JANICE FLAHERTY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

Address1: 1 HESS PLAZA  
Address2: Not reported  
City: WOODBRIDGE  
State: NJ  
Zip Code: 07095  
Country Code: 001  
Phone: (732) 750-6000  
EMail: Not reported  
Fax Number: Not reported  
Modified By: KCKEMP  
Date Last Modified: 6/5/2014

Site Id: 13734  
Affiliation Type: On-Site Operator  
Company Name: HESS 32522  
Contact Type: Not reported  
Contact Name: SITE MANAGER  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (732) 750-6000  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 5/31/2013

Site Id: 13734  
Affiliation Type: Emergency Contact  
Company Name: HESS CORPORATION  
Contact Type: Not reported  
Contact Name: JIM HOWARD  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (732) 750-6000  
EMail: Not reported  
Fax Number: Not reported  
Modified By: RFNOVAK  
Date Last Modified: 6/2/2014

Tank Info:

Tank Number: 008  
Tank ID: 49696  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 06/01/1995  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

Tank Type: Equivalent technology  
Material Code: 2712  
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 20  
Date Test: 08/01/1997  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 05/31/2013

Equipment Records:

A00 - Tank Internal Protection - None  
J01 - Dispenser - Pressurized Dispenser  
C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
F04 - Pipe External Protection - Fiberglass  
K01 - Spill Prevention - Catch Basin  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
E04 - Piping Secondary Containment - Double-Walled (Underground)  
B04 - Tank External Protection - Fiberglass  
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
I01 - Overfill - Float Vent Valve

Tank Number: 009  
Tank ID: 49697  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 06/01/1995  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 2712  
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 20  
Date Test: 08/01/1997  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 05/31/2013

Equipment Records:

C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
F04 - Pipe External Protection - Fiberglass  
K01 - Spill Prevention - Catch Basin  
B04 - Tank External Protection - Fiberglass  
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
G04 - Tank Secondary Containment - Double-Walled (Underground)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

E04 - Piping Secondary Containment - Double-Walled (Underground)  
I01 - Overfill - Float Vent Valve  
A00 - Tank Internal Protection - None  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Number: 010  
Tank ID: 49698  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 06/01/1995  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 2712  
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 20  
Date Test: 08/01/1997  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 05/31/2013

Equipment Records:

A00 - Tank Internal Protection - None  
J01 - Dispenser - Pressurized Dispenser  
C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
F04 - Pipe External Protection - Fiberglass  
K01 - Spill Prevention - Catch Basin  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
E04 - Piping Secondary Containment - Double-Walled (Underground)  
B04 - Tank External Protection - Fiberglass  
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
I01 - Overfill - Float Vent Valve

Tank Number: 011  
Tank ID: 49699  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 06/01/1995  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 2712  
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 20

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

Date Test: 08/01/1997  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 05/31/2013

Equipment Records:

E04 - Piping Secondary Containment - Double-Walled (Underground)  
F04 - Pipe External Protection - Fiberglass  
K01 - Spill Prevention - Catch Basin  
A00 - Tank Internal Protection - None  
J01 - Dispenser - Pressurized Dispenser  
B04 - Tank External Protection - Fiberglass  
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
I01 - Overfill - Float Vent Valve  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm

Tank Number: 012  
Tank ID: 49700  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 06/01/1995  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0008  
Common Name of Substance: Diesel

Tightness Test Method: 20  
Date Test: 08/01/1997  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 05/31/2013

Equipment Records:

B04 - Tank External Protection - Fiberglass  
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
I01 - Overfill - Float Vent Valve  
A00 - Tank Internal Protection - None  
J01 - Dispenser - Pressurized Dispenser  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
F04 - Pipe External Protection - Fiberglass  
K01 - Spill Prevention - Catch Basin  
E04 - Piping Secondary Containment - Double-Walled (Underground)  
C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

Tank Number: 013  
Tank ID: 49701  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 600  
Install Date: 06/01/1995  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 9999  
Common Name of Substance: Other

Tightness Test Method: 20  
Date Test: 08/01/1997  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 06/09/2011

Equipment Records:

A00 - Tank Internal Protection - None  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
K01 - Spill Prevention - Catch Basin  
D00 - Pipe Type - No Piping  
J00 - Dispenser - None  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L00 - Piping Leak Detection - None  
B04 - Tank External Protection - Fiberglass  
E00 - Piping Secondary Containment - None  
I01 - Overfill - Float Vent Valve

Tank Number: 06  
Tank ID: 15684  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 06/01/1979  
Date Tank Closed: 06/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0008  
Common Name of Substance: Diesel

Tightness Test Method: 03  
Date Test: 09/01/1994  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 05/29/2013

Equipment Records:

A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

J02 - Dispenser - Suction Dispenser  
F00 - Pipe External Protection - None  
C02 - Pipe Location - Underground/On-ground  
B00 - Tank External Protection - None  
G00 - Tank Secondary Containment - None  
H99 - Tank Leak Detection - Other  
I01 - Overfill - Float Vent Valve

Tank Number: 0P5  
Tank ID: 15683  
Tank Status: Closed - In Place  
Material Name: Closed - In Place  
Capacity Gallons: 2000  
Install Date: 06/01/1979  
Date Tank Closed: 02/01/1991  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: 02  
Date Test: 10/01/1989  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
B00 - Tank External Protection - None  
I00 - Overfill - None  
H00 - Tank Leak Detection - None

Tank Number: 1  
Tank ID: 15679  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 2000  
Install Date: 06/01/1979  
Date Tank Closed: 06/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: 01  
Date Test: 09/01/1994  
Next Test Date: Not reported  
Pipe Model: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
C02 - Pipe Location - Underground/On-ground  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
H99 - Tank Leak Detection - Other  
B00 - Tank External Protection - None  
I01 - Overfill - Float Vent Valve

Tank Number: 2  
Tank ID: 15680  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 06/01/1979  
Date Tank Closed: 06/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: 01  
Date Test: 09/01/1994  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

I01 - Overfill - Float Vent Valve  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
G00 - Tank Secondary Containment - None  
H99 - Tank Leak Detection - Other  
C02 - Pipe Location - Underground/On-ground

Tank Number: 3  
Tank ID: 15681  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 06/01/1979  
Date Tank Closed: 06/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

Common Name of Substance: Gasoline

Tightness Test Method: 01  
Date Test: 07/01/1994  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None  
C02 - Pipe Location - Underground/On-ground  
I01 - Overfill - Float Vent Valve  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
G00 - Tank Secondary Containment - None  
H99 - Tank Leak Detection - Other  
F00 - Pipe External Protection - None

Tank Number: 4  
Tank ID: 15682  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 06/01/1979  
Date Tank Closed: 06/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: 01  
Date Test: 09/01/1994  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
B00 - Tank External Protection - None  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
H99 - Tank Leak Detection - Other  
I01 - Overfill - Float Vent Valve  
C02 - Pipe Location - Underground/On-ground

Tank Number: 6  
Tank ID: 248539  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 600

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

Install Date: 06/01/1995  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 05/31/2013

Equipment Records:

A00 - Tank Internal Protection - None  
L00 - Piping Leak Detection - None  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
K01 - Spill Prevention - Catch Basin  
D00 - Pipe Type - No Piping  
J00 - Dispenser - None  
B04 - Tank External Protection - Fiberglass  
E00 - Piping Secondary Containment - None  
I01 - Overfill - Float Vent Valve  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Number: 7  
Tank ID: 15685  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 06/01/1979  
Date Tank Closed: 06/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 9999  
Common Name of Substance: Other

Tightness Test Method: 01  
Date Test: 07/01/1994  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

I01 - Overfill - Float Vent Valve  
A00 - Tank Internal Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
H99 - Tank Leak Detection - Other  
J00 - Dispenser - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

NY MANIFEST:

EPA ID: NYD982185720  
Country: USA

Mailing Info:

Name: MERIT OIL CORPORATION  
Contact: DOM DEBENEDICTIS  
Address: 551 W LANCASTER AVENUE  
City/State/Zip: HAVERFORD, PA 19041  
Country: USA  
Phone: 516-731-0036

Document ID: PAE5165786  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: PAAH0067  
Trans2 State ID: Not reported  
Generator Ship Date: 951103  
Trans1 Recv Date: 951130  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 951201  
Part A Recv Date: 951215  
Part B Recv Date: 960227  
Generator EPA ID: NYD982185720  
Trans1 EPA ID: NJD054126164  
Trans2 EPA ID: Not reported  
TSDf ID: PAD067098822  
Waste Code: D018 - BENZENE 0.5 MG/L TCLP  
Quantity: 00385  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 007  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

SPILLS:

Facility ID: 9502757  
Facility Type: ER  
DER Facility ID: 133692  
Site ID: 158144  
DEC Region: 2  
Spill Date: 6/5/1995  
Spill Number/Closed Date: 9502757 / 5/6/2013  
Spill Cause: Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.

SWIS: 2401  
Investigator: RJFENG  
Referred To: DENIED SPILL CLOSURE, RESPONSE BY11/2012  
Reported to Dept: 6/5/1995  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: Affected Persons  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 6/13/1995  
Spill Record Last Update: 5/6/2013  
Spiller Name: Not reported  
Spiller Company: HESS/MERIT  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SUN"10/28/2005: Project reassigned from Sun to Andersen. Reviewed the triannual report dated 8/19/2005, there is local contamination around MW-4. A stip needs to be sent out to begin remediation.12/6/05: Reviewed the tri-annual report dated 11/29/05. Three MW's sampled on October 11, 2005. Max BTEX is 2,318ppb (MW4) and max MTBE is 91 (MW2). Fluctuating concentrations. Sent RAP required letter.1/3/06: Spoke with Gail Russo of Quantum. I gave verbal approval for the RAP received. Installation for SVES/AS system scheduled for January 4-5, 2006.1/4/06: Letter with RAP approval mailed. SVE/AS data sheets are required to be submitted.1/26/06: 1/25/06 meeting with Quantum, NYSDEC, and ET. SVE/AS wells have been installed. Three short term SVE/AS events will be performed.5/19/06: Sent Gail Russo an email to followup on overdue update report.6/8/06: Received update report dated June 2, 2006. Three extended-period SVE/AS events performed in first third 2006. ORM socks installed in wells MW-2 and MW-4. Wells sampled on 2/24/2006. MAX BTEX 1,662 ppb (Mw4), max MTBE 447ppb (MW-2). Decreasing BTEX trend and slight increase in MTBE. Three additional extended-period SVE/AS events will be performed in the second third 2006, and new ORM socks installed. 7/5/06: Meeting on 6/28/06 with Hess, Quantum, NYSDEC, EnviroTrac and GSC. Short term SVE/AS is effective.8/29/06: Received update report dated 8/21/06. Short term SVE/AS on wells MW4, SVE1, AS1, AS2 on June 16 and June 22 2006. Groundwater sampled on June 29 2006. Max BTEX 16 (MW4), max MTBE 1,420 (MW2). ORM socks installed in MW2 and MW4 following the SVE/AS event on June 16 2006. Large decrease in BTEX in MW4. MW2 still shows significant MTBE contamination. Report states "concentrations in MW2 will continue to be evaluated to determine if these concentrations attenuate naturally or require remedial action". This site is on a triannual sampling plan. 1/17/07: Meeting on 1/16/07 with Hess, Delta, NYSDEC.1/23/07: Received update report. Wells sampled on 10/7/06. Max BTEX 156 ppb (MW4), max MTBE 523 ppb (MW2). ORC socks in MW 2 and 4. 4/26/07: Received update report. Wells sampled on 2/23/07. Max BTEX 175 ppb (MW4), max MTBE 690 ppb (MW2). ORC socks in use. 8/17/07: Reviewed update report. Wells sampled on 6/11/07. Max BTEX 295 ppb (MW4), max MTBE 110 ppb (MW2). Two extended period portable sve/as events were conducted in June around MW4. ORC socks were installed in MW2 and MW4. Sent email requesting that air flow rate and effluent PID be measured when conducting portable SVE/AS events, and that the total petroleum recovered then be calculated.2/11/08: Reviewed August 2007 - November 2007 Site Status Report. Wells sampled on October 5, 2007. Max BTEX 350 ppb (MW4), max MTBE 100 ppb (MW2), benzene ND in all wells. No further action requested. 5/6/08 - Carlson: Reviewed first triannual

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**MERIT OIL CORP (Continued)**

**1000263777**

2008 update report dated April 28, 2008. Wells sampled on 2/12/08. Maximum BTEX concentration 96 ppb in MW4. Maximum MTBE concentration 2 ppb (MW2). ORC socks in use in MW2 and MW4. Meeting scheduled for 5/7/08. 9/8/08 - Carlson: Reviewed August 2008 Update Report. Wells sampled on June 13, 2008. Low dissolved concentrations. Sent email to Hess/Envirotrac - remove ORC socks from MW-2 and MW-4. 9/15/08 - Carlson: Received email notification that ORC socks removed on 9/11/08. 10/22/08 - Carlson: Meeting with Hess/Envirotrac. They have recent soil data from SVE/AS well installation. They will submit a petition for closure. 1/8/09 - Carlson: Reviewed closure request dated 12/12/08. Three soil borings were completed. Impacted soil present in SB3. Delineation workplan required for soil borings/monitoring wells on Bushwick Avenue. (Wolf Bushwick Avenue site is directly downgradient). Workplan due 2/8/09. 1/9/09 - Carlson: Reviewed update report. Low level groundwater impact remains. 1/22/09 - Carlson: Approved workplan for the installation of two sidewalk wells. 2/27/09 - Carlson: Received email request from Ed Russo to delay quarterly sampling by one month in order to include new wells. Report will be submitted in April as planned. Request approved. 3/18/09 - Carlson: Meeting with Hess and Envirotrac. Delineation not possible due to subway. RAP will be submitted in April 2009. Quarterly gauging requested. 5/7/09 - Carlson: Reviewed April 2009 update report. RAP overdue. Emailed John Schenkewitz about overdue report. 5/11/09 - Carlson: Received email from Ed Russo, RAP will be submitted in August 2009. 8/7/09 - Carlson: Reviewed update report. Low dissolved concentrations. Workplan to address residual soil impact will be submitted by end of the month. 8/10/09 - Carlson: Received work plan for installation of four on-site wells. 8/19/09 - Carlson: Meeting with Hess and Envirotrac. 8/27/09 - Carlson: Issued approval letter for installation of four on-site monitoring wells. 11/17/09 - Carlson: Reviewed update report. Low dissolved concentrations. New wells were not installed yet. 12/10/09 - Carlson: Reviewed second closure petition. Four additional confirmatory borings were installed. 1/27/2010 - Carlson: Meeting with Hess. NYSDEC to review case file internally. 5/20/2010 - Carlson: Meeting with Hess. NYSDEC still requires additional borings around SB3. 5/28/2010 - Carlson: Reviewed update report. Low dissolved concentrations. 8/15/2010 - Carlson: Reviewed July 2010 update report. Low dissolved concentrations. Report states Hess to delineate after receipt of NYCTA permits. Delineation work plan was not submitted. 8/31/11 - Obligado - I reviewed the 2Q11 report. BTEX is ND. They are still trying to get permit to do the soil delineation work. 11/14/11 - Carlson: Reviewed October 2011 update report. Hess still waiting for permit approval from NYCTA for delineation. 4/24/2012 - email from Joe Rennie of EnviroTrac "Please be advised that we are tentatively scheduled to conduct drilling at the above referenced location on Tuesday May 1, 2012 as per the attached NYSDEC approval letter. Please note that this project has been delayed due to New York City Transit Authority permitting requirements as this location is in close proximity to the New York City subway system. As discussed previously with NYSDEC case managers Mark Tibbe and Sarah Carlson, Hess expects that if soil and groundwater sampling data from this drilling is favorable, that closure of NYSDEC spill # 95-02757 will be granted by NYSDEC. If you have any questions, please do not hesitate to contact me at (631) 924-3001." 6/19/2012 - reviewed 1Q2012, 4/30/2012, by EnviroTrac. DTW 9.88' to 22.24' bg. Flows to southwest. 5 wells were sampled. MW-4, 4.4 ug/L BTEX, 8.3 ug/L MTBE. others are ND. Proposes to abandon

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

monitoring wells MW-1, MW-2, MW-3 and MW-5. Next sampling event will be in 5/2012. 6/20/2012 - comments to Hess/EnviroTrac. 1) need to have the newly installed wells data in order to make the call whether or not to abandon the wells; 2) the requirement on the petition for closure: site use history; show all the investigation; show all the remediation; show all the remediation results; and the sensitive receptors information. reply from Edward Russo "thanks for getting back to us. The data from the newly completed soil borings/wells indicated positive results, so we are working on the request for closure now. The request for closure will incorporate your comments/requests below. You can disregard the request to abandon MWs 1, 2, 3, and 5. The closure request will be submitted to you within the next couple of weeks."7/18/2012 - reviewed the Request for Spill Closure Letter (the Letter) dated June 29, 2012, prepared by EnviroTrac Environmental Services (EnviroTrac) on behalf of Hess Corporation (Hess). The Letter summarizes the Site's history and requests site closure. Denies the spill closure request due to the uninvestigated and unremediated residual contamination at the Site. see the letter for details on the required additional work to be done. Response by 8/20/2012. 10/4/2012 - Reviewed the response letter dated 8/20/2012 from Hess/EnviroTrac. Basically, they responded on DEC comments. The soil contamination is either infeasible to treat and the previous investigation has delineated the extent of the mentioned soil contamination location. Hess/EnviroTrac request for spill closure. 10/15/2012 - presented the case to the Section committee. Spill closure is denied based on: see the memo in eDoc for more details.1) Residual contaminated soil was present in the former remote fills area at depth of 2 feet below ground surface. Confirmatory soil samples are required. As-built drawing and utilities mark out map shall be provided to prove infeasibility to remediate the area. 2) The confirmatory soil boring SB-3 exhibits soil contamination exceeds CP-51 SCOs at depth of 29-30 feet. Additional remediation and confirmatory sampling shall be required. email to Hess/EnviroTrac requiring a work plan to address the above concerns/requirement by November 2012. 5/3/13-Vought-During Regional Spill Engineers meeting in Albany with DEC Hale and DEC Farrar, RSE and Paul John concurrence with email dated 4/24/13 from DEC Hale was confirmed regarding this site. As per email dated 4/24/13 from DEC Hale (with attached Powerpoint presentation) with cc to DEC Farrar, Ottoway and Regional Director and RSE, soil exceedences observed were moderate and further excavation is not warranted and spill closure is warranted due to: clean downgradient monitoring wells for numerous years; age of spill and fact that wells are have shown no increase in groundwater contamination for numerous years and as such there is no likelihood for downward migration of soil contamination through the soil column to the water table; excavation of UST systems and large amount of contaminated soil removed from site; Spills Database as an institutional control to account for possible future changes in site use as none reported to date; and addition of soil contamination notification in Spill Closure Letter. This spill to be closed by Feng or to be closed by Vought after transfer to Vought by Feng.5/6/2013 - As per DEC Jeff Vought's directives, spill is closed.

Remarks:

ODOR OF GASOLINE WHEN TANKS WERE UNCOVERED

Material:

Site ID: 158144  
Operable Unit ID: 1013974  
Operable Unit: 01

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

Material ID: 367814  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 8807632  
Facility Type: ER  
DER Facility ID: 133692  
Site ID: 158142  
DEC Region: 2  
Spill Date: 12/18/1988  
Spill Number/Closed Date: 8807632 / 12/18/1988  
Spill Cause: Human Error  
Spill Class: Not reported  
SWIS: 2401  
Investigator: TOMASELLO  
Referred To: Not reported  
Reported to Dept: 12/18/1988  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: Citizen  
Cleanup Ceased: 12/18/1988  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 1/19/1989  
Spill Record Last Update: 8/24/2004  
Spiller Name: Not reported  
Spiller Company: DRIVER (PHILIP HALL)  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Not reported  
Remarks: SPEEDY DRY CREW ON THE WAY.

Material:

Site ID: 158142  
Operable Unit ID: 923117  
Operable Unit: 01  
Material ID: 559519  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

Material FA: Petroleum  
Quantity: 100  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

AIRS (AFS):

Airs Minor Details:

EPA plant ID: 110004415954  
Plant name: MERIT METROPOLITAN  
Plant address: 810 METROPOLITAN AVE  
BROOKLYN, NY 11222  
County: KINGS  
Region code: 02  
Dunn & Bradst #: 162426795  
Air quality cntrl region: 043  
Sic code: 5541  
Sic code desc: GASOLINE SERVICE STATIONS  
North Am. industrial classf: Not reported  
NAIC code description: Not reported  
Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR  
LOCAL GOVERNMENT  
Current HPV: Not reported

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1004  
Air prog code hist file: SIP SOURCE  
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1101  
Air prog code hist file: SIP SOURCE  
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1102  
Air prog code hist file: SIP SOURCE  
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1103  
Air prog code hist file: SIP SOURCE  
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1104  
Air prog code hist file: SIP SOURCE  
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1201

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERIT OIL CORP (Continued)**

**1000263777**

Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1202  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1203  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1204  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1301  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1302  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1303  
Air prog code hist file: SIP SOURCE

Compliance & Violation Data by Minor Sources:

Air program code: SIP SOURCE  
Plant air program pollutant: VOLATILE ORGANIC COMPOUNDS  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: Not reported  
Repeat violator date: Not reported  
Turnover compliance: Not reported

Air program code: SIP SOURCE  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT  
Repeat violator date: Not reported  
Turnover compliance: Not reported

**C29**  
**SSE**  
**< 1/8**  
**0.046 mi.**  
**245 ft.**

**NEW YORK HEATING CORP**  
**354 HUMBOLDT ST**  
**BROOKLYN, NY 11211**

**RCRA NonGen / NLR** **1006810524**  
**FINDS** **NYR000113308**

**Site 4 of 6 in cluster C**

**Relative:**  
**Higher**

RCRA NonGen / NLR:  
Date form received by agency: 01/01/2007  
Facility name: NEW YORK HEATING CORP  
Facility address: 354 HUMBOLDT ST  
BROOKLYN, NY 11211  
EPA ID: NYR000113308  
Mailing address: HUMBOLDT ST  
BROOKLYN, NY 11211

**Actual:**  
**40 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEW YORK HEATING CORP (Continued)**

**1006810524**

Contact: JOSEPH J OSTROWSKI  
Contact address: HUMBOLDT ST  
BROOKLYN, NY 11211  
Contact country: US  
Contact telephone: (718) 782-3894  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NEW YORK HEATING CORP  
Owner/operator address: HUMBOLDT ST  
BROOKLYN, NY 11211  
Owner/operator country: US  
Owner/operator telephone: (718) 782-3894  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 02/10/2003  
Owner/Op end date: Not reported

Owner/operator name: NEW YORK HEATING CORP  
Owner/operator address: HUMBOLDT ST  
BROOKLYN, NY 11211  
Owner/operator country: US  
Owner/operator telephone: (718) 782-3894  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1988  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Site name: NEW YORK HEATING CORP  
Classification: Not a generator, verified

Date form received by agency: 02/10/2003  
Site name: NEW YORK HEATING CORP  
Classification: Small Quantity Generator

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NEW YORK HEATING CORP (Continued)**

**1006810524**

Violation Status: No violations found

**FINDS:**

Registry ID: 110014366756

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**D30  
 SSW  
 < 1/8  
 0.052 mi.  
 275 ft.**

**SOCCI RESIDENCE  
 177 DEVOE ST  
 BROOKLYN, NY**

**NY Spills S109828858  
 N/A**

**Site 1 of 6 in cluster D**

**Relative:  
 Higher**

**SPILLS:**

Facility ID: 0905854  
 Facility Type: ER  
 DER Facility ID: 367265  
 Site ID: 418147  
 DEC Region: 2  
 Spill Date: 8/19/2009  
 Spill Number/Closed Date: 0905854 / 8/19/2009  
 Spill Cause: Equipment Failure  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**Actual:  
 39 ft.**

**SWIS:**

Investigator: smsanges  
 Referred To: Not reported  
 Reported to Dept: 8/19/2009  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Source: Private Dwelling  
 Spill Notifier: Other  
 Cleanup Ceased: Not reported  
 Cleanup Meets Std: False  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 8/19/2009  
 Spill Record Last Update: 8/19/2009  
 Spiller Name: ROSEANNE SOCCI  
 Spiller Company: ROSEANNE SOCCI  
 Spiller Address: 177 DEVOE ST  
 Spiller City,St,Zip: BROOKLYN, NY  
 Spiller Company: 999  
 Contact Name: LAURA DOVIDO  
 Contact Phone: (718) 628-3321  
 DEC Memo:

Gasket on the line filter leaked to the basement floor. Petro had a crew in to fix the gasket and clean the floor and sump pit. Petro Manager Mike Passi called Sangesland from the house to confirm that

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOCCI RESIDENCE (Continued)**

**S109828858**

all of the cleanup was complete and no additional problems were visible.

Remarks: LEAKING PART IN THE BASEMENT ABOUT 3 GALLONS SPILLED TO THE SUMP PUMP WHICH THEN ENTERED THE SEWER.

Material:

Site ID: 418147  
Operable Unit ID: 1174335  
Operable Unit: 01  
Material ID: 2166667  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: Gallons  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

D31  
SW  
< 1/8  
0.053 mi.  
278 ft.

**NEW GATTI/PARK/LOUIS CLEANERS**  
**334 GRAHAM AVENUE**  
**BROOKLYN, NY 11211**  
**Site 2 of 6 in cluster D**

**NY DRYCLEANERS** **S110247428**  
**N/A**

**Relative:**  
**Lower**  
  
**Actual:**  
**37 ft.**

DRYCLEANERS:  
Facility ID: 2-6101-00992  
Phone Number: 718-388-6776  
Region: Not reported  
Registration Effective Date: 9/5/2002 10:54:27:38  
Inspection Date: 07APR18  
Install Date: 94  
Drop Shop: Not reported  
Shutdown: Not reported  
Alternate Solvent: Not reported  
Current Business: Not reported

D32  
SW  
< 1/8  
0.053 mi.  
278 ft.

**GATTI CLEANERS**  
**334 GRAHAM AVE**  
**BROOKLYN, NY 11211**  
**Site 3 of 6 in cluster D**

**RCRA NonGen / NLR** **1000411242**  
**NY MANIFEST** **NYD982743981**  
**US AIRS**

**Relative:**  
**Lower**  
  
**Actual:**  
**37 ft.**

RCRA NonGen / NLR:  
Date form received by agency: 01/01/2007  
Facility name: GATTI CLEANERS  
Facility address: 334 GRAHAM AVE  
BROOKLYN, NY 112113736  
EPA ID: NYD982743981  
Mailing address: GRAHAM AVE  
BROOKLYN, NY 11211  
Contact: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GATTI CLEANERS (Continued)**

1000411242

Contact address: GRAHAM AVE  
BROOKLYN, NY 11211  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: UNKNOWN  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: UNKNOWN  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Site name: GATTI CLEANERS  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Site name: GATTI CLEANERS  
Classification: Not a generator, verified

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GATTI CLEANERS (Continued)**

**1000411242**

Date form received by agency: 07/17/1989  
Site name: GATTI CLEANERS  
Classification: Large Quantity Generator

Violation Status: No violations found

**NY MANIFEST:**

EPA ID: NYD982743981  
Country: USA

**Mailing Info:**

Name: GATTI CLNRS  
Contact: GATTI CLNRS  
Address: 334 GRAHAM AVENUE  
City/State/Zip: BROOKLYN, NY 11211  
Country: USA  
Phone: 718-388-6776

Document ID: NYC1313302  
Manifest Status: Completed copy  
Trans1 State ID: HW8207NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920228  
Trans1 Recv Date: 920228  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920228  
Part A Recv Date: 920310  
Part B Recv Date: 920309  
Generator EPA ID: NYD982743981  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYA9542913  
Manifest Status: Completed copy  
Trans1 State ID: 000000000  
Trans2 State ID: 000000000  
Generator Ship Date: 891229  
Trans1 Recv Date: 891229  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 891229  
Part A Recv Date: 900103  
Part B Recv Date: 900105  
Generator EPA ID: NYD982743981  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GATTI CLEANERS (Continued)**

**1000411242**

Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 89

Document ID: NYC4191761  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: GF2859NY  
Trans2 State ID: 1643BCOK  
Generator Ship Date: 960717  
Trans1 Recv Date: 960717  
Trans2 Recv Date: 960719  
TSD Site Recv Date: 960720  
Part A Recv Date: 960729  
Part B Recv Date: 960812  
Generator EPA ID: NYD982743981  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: ARD981908551  
TSDf ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYA9542463  
Manifest Status: Completed copy  
Trans1 State ID: EU1132NY  
Trans2 State ID: Not reported  
Generator Ship Date: 900223  
Trans1 Recv Date: 900223  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 900223  
Part A Recv Date: 900314  
Part B Recv Date: 900315  
Generator EPA ID: NYD982743981  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDf ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 90

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GATTI CLEANERS (Continued)**

1000411242

Document ID: NYC3955296  
Manifest Status: Completed copy  
Trans1 State ID: GE2859NY  
Trans2 State ID: Not reported  
Generator Ship Date: 960124  
Trans1 Recv Date: 960124  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 960131  
Part A Recv Date: 960201  
Part B Recv Date: 960215  
Generator EPA ID: NYD982743981  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYC0550405  
Manifest Status: Completed copy  
Trans1 State ID: EU1732NY  
Trans2 State ID: Not reported  
Generator Ship Date: 901026  
Trans1 Recv Date: 901026  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 901026  
Part A Recv Date: 901107  
Part B Recv Date: 901109  
Generator EPA ID: NYD982743981  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 90

Document ID: NYC2081935  
Manifest Status: Completed copy  
Trans1 State ID: JE4550NY  
Trans2 State ID: Not reported  
Generator Ship Date: 930823  
Trans1 Recv Date: 930823  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 930823  
Part A Recv Date: 930831

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GATTI CLEANERS (Continued)**

**1000411242**

Part B Recv Date: 930901  
Generator EPA ID: NYD982743981  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 93

Document ID: NYC4412430  
Manifest Status: Completed copy  
Trans1 State ID: NYGF2859  
Trans2 State ID: M0001  
Generator Ship Date: 970103  
Trans1 Recv Date: 970103  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 970109  
Part A Recv Date: 970117  
Part B Recv Date: 970124  
Generator EPA ID: NYD982743981  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: MOD095038998  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 97

Document ID: NYC4762528  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: NYGF2859  
Trans2 State ID: HQ80784  
Generator Ship Date: 970616  
Trans1 Recv Date: 970616  
Trans2 Recv Date: 970623  
TSD Site Recv Date: 970625  
Part A Recv Date: 970708  
Part B Recv Date: 970718  
Generator EPA ID: NYD982743981  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: MOD095038998  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GATTI CLEANERS (Continued)**

**1000411242**

Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 97

Document ID: NYC0759508  
Manifest Status: Completed copy  
Trans1 State ID: AM6252  
Trans2 State ID: Not reported  
Generator Ship Date: 910502  
Trans1 Recv Date: 910502  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 910502  
Part A Recv Date: 910520  
Part B Recv Date: 910514  
Generator EPA ID: NYD982743981  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 91

**AIRS (AFS):**

**Airs Minor Details:**

EPA plant ID: 110004424141  
Plant name: NEW GATTI CLEANERS  
Plant address: 334 GRAHAM AVE  
BROOKLYN, NY 112113736

County: KINGS  
Region code: 02  
Dunn & Bradst #: Not reported  
Air quality cntrl region: 043  
Sic code: 7216  
Sic code desc: DRYCLEANING PLANTS, EXCEPT RUG  
North Am. industrial classf: 812320  
NAIC code description: Drycleaning and Laundry Services (except Coin-Operated)  
Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT

Current HPV: Not reported

**Compliance and Enforcement Major Issues:**

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GATTI CLEANERS (Continued)**

**1000411242**

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00660  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00660  
Penalty amount: Not reported

Air program: Not reported  
National action type: Not reported  
Date achieved: Not reported  
Penalty amount: Not reported

Historical Compliance Minor Sources:

State compliance status: IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE  
Hist compliance date: 1004  
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1004  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1102  
Air prog code hist file: MACT (SECTION 63 NESHAPS)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GATTI CLEANERS (Continued)**

**1000411242**

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1101
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GATTI CLEANERS (Continued)**

**1000411242**

Hist compliance date: 1202  
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1203  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1204  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1301  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1301  
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1302  
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1303  
Air prog code hist file: MACT (SECTION 63 NESHAPS)

Compliance & Violation Data by Minor Sources:

Air program code: MACT (SECTION 63 NESHAPS)  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT  
Repeat violator date: Not reported  
Turnover compliance: Not reported

Air program code: SIP SOURCE  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT  
Repeat violator date: Not reported  
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT  
Repeat violator date: Not reported  
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: UNCLASSIFIED

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GATTI CLEANERS (Continued)**

1000411242

Repeat violator date: Not reported  
 Turnover compliance: Not reported

**D33**  
**SW**  
 < 1/8  
 0.053 mi.  
 278 ft.

**LOT 3,TAXBLOCK 2765**  
**330 GRAHAM AVENUE**  
**BROOKLYN, NY 11211**

**NY E DESIGNATION**    **S109942421**  
 N/A

**Site 4 of 6 in cluster D**

**Relative:**  
**Lower**

E DESIGNATION:  
 Tax Lot(s): 3  
 E-No: E-232  
 Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP056K  
 Ulurp Number: 090334ZMK  
 Zoning Map No: 12c 13a 13b  
 Description: Window Wall Attenuation & Alternate Ventilation  
 Borough Code: BK  
 Community District: 301  
 Census Tract: 497  
 Census Block: 2004  
 School District: 14  
 City Council District: 34  
 Fire Company: E216  
 Health Area: 30  
 Police Precinct: 090  
 Zone District 1: R6  
 Zone District 2: C8-2  
 Commercial Overlay1: C1-3  
 Commercial Overlay2: Not reported  
 Special Purpose District1: Not reported  
 Special Purpose District2: Not reported  
 All Components1: C1-3/R6  
 All Components2: C8-2  
 Split Boundary Indicator: Y  
 Building Class: K1  
 Land Use Category: 05  
 Number of Easements: 0  
 Owner, Type of Code: P  
 Owner Name: 330 342 GRAHAM AVE CO  
 Lot Area: 000013750  
 Total Building Floor Area: 00000011310  
 Commercial Floor Area: 00000011310  
 Office Floor Area: 00000000000  
 Retail Floor Area: 00000011310  
 Garage Floor Area: 00000000000  
 Storage Floor Area: 00000000000  
 Factory Floor Area: 00000000000  
 Other Floor Area: 00000000000  
 Floor Area,Total Bld Source Code7  
 Number of Buildings: 00001  
 Number of Floors: 001.00  
 Residential Units: 00000  
 Non and Residential Units: 00006  
 Lot Frontage: 0150.00  
 Lot Depth: 0100.00  
 Building Frontage: 0150.00

**Actual:**  
**37 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 3, TAXBLOCK 2765 (Continued)**

**S109942421**

Building Depth: 0100.00  
Proximity Code: 0  
Irregular Lot Code: Y  
Lot Type: 3  
Basement Type Grade: 5  
Land Assessed Value: 00000163350  
Total Assessed Value: 00000634500  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1940  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.82  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027650003  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999764  
Y Coordinate: 0199494  
Zoning Map: 13B  
Sanborn Map: 304 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**D34**  
**SW**  
**< 1/8**  
**0.053 mi.**  
**278 ft.**

**334 GRAHAM AVE**  
**BROOKLYN, NY 11211**

**Site 5 of 6 in cluster D**

**EDR US Hist Cleaners 1015045329**  
**N/A**

**Relative:**  
**Lower**

EDR Historical Cleaners:  
Name: GATTI LOUIS DRY CLEANERS  
Year: 2001  
Address: 334 GRAHAM AVE

**Actual:**  
**37 ft.**

Name: GATTI LOUIS DRY CLEANERS  
Year: 2003  
Address: 334 GRAHAM AVE

Name: PARK GATTI CLEANER  
Year: 2009  
Address: 334 GRAHAM AVE

Name: GATTI CLEANERS  
Year: 2010

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

(Continued)

1015045329

Address: 334 GRAHAM AVE

E35  
 West  
 < 1/8  
 0.057 mi.  
 301 ft.

**LOT 4,TAXBLOCK 2760**  
**354 GRAHAM AVENUE**  
**BROOKLYN, NY 11211**  
**Site 1 of 10 in cluster E**

**NY E DESIGNATION**    **S109942540**  
 N/A

Relative:  
 Lower  
 Actual:  
 35 ft.

E DESIGNATION:  
 Tax Lot(s): 4  
 E-No: E-232  
 Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP056K  
 Ulurp Number: 090334ZMK  
 Zoning Map No: 12c 13a 13b  
 Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
 Borough Code: BK  
 Community District: 301  
 Census Tract: 497  
 Census Block: 2003  
 School District: 14  
 City Council District: 34  
 Fire Company: E229  
 Health Area: 30  
 Police Precinct: 094  
 Zone District 1: R6  
 Zone District 2: C8-2  
 Commercial Overlay1: C1-3  
 Commercial Overlay2: Not reported  
 Special Purpose District1: Not reported  
 Special Purpose District2: Not reported  
 All Components1: C1-3/R6  
 All Components2: C8-2  
 Split Boundary Indicator: Y  
 Building Class: C4  
 Land Use Category: 02  
 Number of Easements: 0  
 Owner, Type of Code: Not reported  
 Owner Name: SOUTHSIDE MANAGEMENT  
 Lot Area: 000002750  
 Total Building Floor Area: 00000004125  
 Commercial Floor Area: 00000001375  
 Office Floor Area: 00000000000  
 Retail Floor Area: 00000001375  
 Garage Floor Area: 00000000000  
 Storage Floor Area: 00000000000  
 Factory Floor Area: 00000000000  
 Other Floor Area: 00000000000  
 Floor Area,Total Bld Source Code7  
 Number of Buildings: 00001  
 Number of Floors: 003.00  
 Residential Units: 00004  
 Non and Residential Units: 00005  
 Lot Frontage: 0027.50  
 Lot Depth: 0100.00  
 Building Frontage: 0027.50  
 Building Depth: 0050.00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 4, TAXBLOCK 2760 (Continued)**

**S109942540**

Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000005018  
Total Assessed Value: 00000048553  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1920  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.50  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027600004  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999736  
Y Coordinate: 0199716  
Zoning Map: 13B  
Sanborn Map: 304 026  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 4  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 497  
Census Block: 2003  
School District: 14  
City Council District: 34  
Fire Company: E229  
Health Area: 30  
Police Precinct: 094  
Zone District 1: R6  
Zone District 2: C8-2  
Commercial Overlay1: C1-3  
Commercial Overlay2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 4, TAXBLOCK 2760 (Continued)**

**S109942540**

Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C1-3/R6  
All Components2: C8-2  
Split Boundary Indicator: Y  
Building Class: C4  
Land Use Category: 02  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: SOUTHSIDE MANAGEMENT  
Lot Area: 000002750  
Total Building Floor Area: 00000004125  
Commercial Floor Area: 00000001375  
Office Floor Area: 00000000000  
Retail Floor Area: 00000001375  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area, Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 003.00  
Residential Units: 00004  
Non and Residential Units: 00005  
Lot Frontage: 0027.50  
Lot Depth: 0100.00  
Building Frontage: 0027.50  
Building Depth: 0050.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000005018  
Total Assessed Value: 00000048553  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1920  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.50  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027600004  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999736  
Y Coordinate: 0199716  
Zoning Map: 13B  
Sanborn Map: 304 026  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 4,TAXBLOCK 2760 (Continued)**

**S109942540**

Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**E36  
 West  
 < 1/8  
 0.057 mi.  
 303 ft.**

**LOT 6,TAXBLOCK 2760  
 356 GRAHAM AVENUE  
 BROOKLYN, NY 11211**

**NY E DESIGNATION**

**S109942704  
 N/A**

**Site 2 of 10 in cluster E**

**Relative:  
 Lower**

**E DESIGNATION:**

Tax Lot(s): 6  
 E-No: E-232  
 Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP056K  
 Ulurp Number: 090334ZMK  
 Zoning Map No: 12c 13a 13b  
 Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
 Borough Code: BK  
 Community District: 301  
 Census Tract: 497  
 Census Block: 2003  
 School District: 14  
 City Council District: 34  
 Fire Company: E229  
 Health Area: 30  
 Police Precinct: 094  
 Zone District 1: R6  
 Zone District 2: C8-2  
 Commercial Overlay1: C1-3  
 Commercial Overlay2: Not reported  
 Special Purpose District1: Not reported  
 Special Purpose District2: Not reported  
 All Components1: C1-3/R6  
 All Components2: C8-2  
 Split Boundary Indicator: Y  
 Building Class: S3  
 Land Use Category: 04  
 Number of Easements: 0  
 Owner, Type of Code: Not reported  
 Owner Name: MARIO DEVITO  
 Lot Area: 000002875  
 Total Building Floor Area: 00000004600  
 Commercial Floor Area: 00000001150  
 Office Floor Area: 00000000000  
 Retail Floor Area: 00000001150  
 Garage Floor Area: 00000000000  
 Storage Floor Area: 00000000000  
 Factory Floor Area: 00000000000  
 Other Floor Area: 00000000000  
 Floor Area,Total Bld Source Code7  
 Number of Buildings: 00001  
 Number of Floors: 004.00  
 Residential Units: 00003

**Actual:  
 35 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 6, TAXBLOCK 2760 (Continued)**

**S109942704**

Non and Residential Units: 00004  
Lot Frontage: 0023.00  
Lot Depth: 0125.00  
Building Frontage: 0023.00  
Building Depth: 0050.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000015788  
Total Assessed Value: 00000057122  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1920  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.60  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027600006  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999699  
Y Coordinate: 0199743  
Zoning Map: 13B  
Sanborn Map: 304 026  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 6  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 497  
Census Block: 2003  
School District: 14  
City Council District: 34  
Fire Company: E229  
Health Area: 30

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 6,TAXBLOCK 2760 (Continued)**

**S109942704**

Police Precinct: 094  
Zone District 1: R6  
Zone District 2: C8-2  
Commercial Overlay1: C1-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C1-3/R6  
All Components2: C8-2  
Split Boundary Indicator: Y  
Building Class: S3  
Land Use Category: 04  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: MARIO DEVITO  
Lot Area: 000002875  
Total Building Floor Area: 00000004600  
Commercial Floor Area: 00000001150  
Office Floor Area: 00000000000  
Retail Floor Area: 00000001150  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 004.00  
Residential Units: 00003  
Non and Residential Units: 00004  
Lot Frontage: 0023.00  
Lot Depth: 0125.00  
Building Frontage: 0023.00  
Building Depth: 0050.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000015788  
Total Assessed Value: 00000057122  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1920  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.60  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027600006  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999699  
Y Coordinate: 0199743  
Zoning Map: 13B  
Sanborn Map: 304 026

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 6, TAXBLOCK 2760 (Continued)**

**S109942704**

Tax Map: 30906  
 E Designation No: Not reported  
 Date of RPAD Data: 11/2005  
 Date of DCAS Data: 01/2006  
 Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**D37  
 SSW  
 < 1/8  
 0.058 mi.  
 306 ft.**

**PRIVATE DWELLING  
 184 DEVOE ST.  
 BROOKLYN, NY  
 Site 6 of 6 in cluster D**

**NY Spills S111318941  
 N/A**

**Relative:  
 Lower**

**SPILLS:**

Facility ID: 1110118  
 Facility Type: ER  
 DER Facility ID: 412391  
 Site ID: 457918  
 DEC Region: 2  
 Spill Date: 11/14/2011  
 Spill Number/Closed Date: 1110118 / 3/6/2012  
 Spill Cause: Equipment Failure  
 Spill Class: Not reported  
 SWIS: 2401  
 Investigator: vszhune  
 Referred To: Not reported  
 Reported to Dept: 11/14/2011  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Source: Private Dwelling  
 Spill Notifier: Other  
 Cleanup Ceased: Not reported  
 Cleanup Meets Std: False  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 11/14/2011  
 Spill Record Last Update: 3/6/2012  
 Spiller Name: Not reported  
 Spiller Company: HOMEOWNER  
 Spiller Address: Not reported  
 Spiller City,St,Zip: NY  
 Spiller Company: 999  
 Contact Name: HOMEOWNER- FORTUNATO  
 Contact Phone: 917-554-5116  
 DEC Memo: 11/14/11-Hiralkumar Patel.11:11 AM:- spoke with Ms. Napoli. she mentioned that Milro inspected site before installing a new tank for Louis Oil. they noticed 8 by 10 ft of stained area under the tank and found a impacted sump nearby. they also noticed odors in building.11:13 AM:- left message for Mr. Fortunato, property owner.11:29 AM:- received call from Penny Overbaugh, property owner. she mentioned that they contacted their oil company last week due to

**Actual:  
 38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRIVATE DWELLING (Continued)**

**S111318941**

odors in basement and found that tank was leaking. owner has decided to change the tank. currently, tank has some product in it. she mentioned that contractor will replace tank either late today or tomorrow. as only stain found on floor and no product observed by Milro and as tank will be replaced by tomorrow, no need to pump out tank immediately. suggested Ms. Overbaugh to inspect tank bottom for any active leak and to contain it, if any. informed her that the department requires subsurface investigation and remediation, if needed. Pyare Fortunato Penny Overbaugh 184 Devoe Street Brooklyn, NY 11211 PH. (917) 554-5116 (917) 941-6124 email: overbaughpenny@aol.com 12:43 PM:- sent letter to property owner requiring soil delineation and endpoint samples. letter emailed to Ms. Overbaugh. 01/11/12-Hiralkumar Patel. 1:04 PM:- received email from Ms. Overbaugh. she mentioned that spill has been cleaned and requested a closure. 1:12 PM:- sent email to Ms. Overbaugh. informed her that case will only be closed once received a cleanup report. email copied to DEC Zhune. \*\*report due on 12/14/11. \*\*03/6/12- Milro emailed the report dated March 5, 2012. Milro excavated oil contaminated soil from the impacted area. They excavated an area of 6' by 7' and extended to 4' depth. On November 30, 2011 five endpoint samples were collected from the excavation. Four samples were collected from the sidewalls at 2-3' below grade, one sample from the bottom of the excavation at 4' below grade. The analytical results indicated that two VOCs were detected in samples collected from the bottom and the East wall. They were detected below the acceptable limit. No VOCs were detected in the North, South and West samples. No SVOCs were detected in any of the samples. Spill Closed. Report eDocs.

Remarks: 8X10 FOOT AREA OF SOIL CONTAMINATION

Material:  
Site ID: 457918  
Operable Unit ID: 1208038  
Operable Unit: 01  
Material ID: 2205350  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: Not reported  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**E38**  
**WNW**  
**< 1/8**  
**0.060 mi.**  
**319 ft.**

**362 GRAHAM AVE**  
**BROOKLYN, NY 11211**

**Site 3 of 10 in cluster E**

**EDR US Hist Cleaners**    **1015049537**  
**N/A**

**Relative:**  
**Lower**

EDR Historical Cleaners:

**Actual:**  
**34 ft.**

Name: ECONO WASH LAUNDRY  
Year: 1999  
Address: 362 GRAHAM AVE

Name: ECONO WASH LAUNDRY  
Year: 2000  
Address: 362 GRAHAM AVE

Name: ECONO WASH LAUNDRY  
Year: 2001  
Address: 362 GRAHAM AVE

Name: ECONO WASH LAUNDRY  
Year: 2002  
Address: 362 GRAHAM AVE

Name: ECONO WASH LAUNDRY  
Year: 2003  
Address: 362 GRAHAM AVE

Name: ECONO WASH LAUNDRY  
Year: 2004  
Address: 362 GRAHAM AVE

Name: ECONO WASH LAUNDRY  
Year: 2005  
Address: 362 GRAHAM AVE

Name: ECONO WASH LAUNDRY  
Year: 2006  
Address: 362 GRAHAM AVE

Name: ECONO WASH LAUNDRY  
Year: 2007  
Address: 362 GRAHAM AVE

Name: ECONO WASH LAUNDRY  
Year: 2008  
Address: 362 GRAHAM AVE

Name: ECONO WASH LAUNDRY  
Year: 2009  
Address: 362 GRAHAM AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

E39  
WSW  
< 1/8  
0.064 mi.  
337 ft.

**LONG JIM KITCHEN**  
**329 GRAHAM AVE**  
**BROOKLYN, NY**  
**Site 4 of 10 in cluster E**

**NY Spills S103827610**  
**N/A**

**Relative:**  
**Lower**

**SPILLS:**

Facility ID: 9813147  
Facility Type: ER  
DER Facility ID: 109472  
Site ID: 126686  
DEC Region: 2  
Spill Date: 1/26/1999  
Spill Number/Closed Date: 9813147 / 3/3/2003  
Spill Cause: Deliberate  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**Actual:**  
**36 ft.**

**SWIS:**

Investigator: TOMASELLO  
Referred To: Not reported  
Reported to Dept: 1/26/1999  
CID: 365  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Federal Government  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 1/26/1999  
Spill Record Last Update: 3/3/2003  
Spiller Name: Not reported  
Spiller Company: LONG JIM KITCHEN  
Spiller Address: 329 GRAHAM AV  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Not reported  
Remarks: ANONYMOUS CALLER STATED KITCHEN STAFF IS IN THE BACKYARD MIXING SOME MATERIAL WITH THE SOIL - COAST GUARD NOT RESPONDING BECAUSE ITS NOT A WATER WAY

**Material:**

Site ID: 126686  
Operable Unit ID: 1073598  
Operable Unit: 01  
Material ID: 309881  
Material Code: 0064A  
Material Name: UNKNOWN MATERIAL  
Case No.: Not reported  
Material FA: Other  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LONG JIM KITCHEN (Continued)**

**S103827610**

Tank Test:

**E40**  
**WSW**  
**< 1/8**  
**0.064 mi.**  
**337 ft.**

**LOT 25,TAXBLOCK 2764**  
**329 GRAHAM AVENUE**  
**BROOKLYN, NY 11211**

**NY E DESIGNATION** **S109942375**  
**N/A**

**Site 5 of 10 in cluster E**

**Relative:**  
**Lower**

**E DESIGNATION:**

**Actual:**  
**36 ft.**

Tax Lot(s): 25  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 497  
Census Block: 3004  
School District: 14  
City Council District: 34  
Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C1-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C1-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: S1  
Land Use Category: 04  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: NG SAU MUI  
Lot Area: 000002500  
Total Building Floor Area: 00000002250  
Commercial Floor Area: 00000001125  
Office Floor Area: 00000000000  
Retail Floor Area: 00000001125  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 002.00  
Residential Units: 00001  
Non and Residential Units: 00002  
Lot Frontage: 0025.00  
Lot Depth: 0100.00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 25,TAXBLOCK 2764 (Continued)**

**S109942375**

Building Frontage: 0025.00  
Building Depth: 0045.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000003828  
Total Assessed Value: 00000015720  
Land Exempt Value: 00000002370  
Total Exempt Value: 00000002370  
Year Built: 1930  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.90  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027640025  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999619  
Y Coordinate: 0199468  
Zoning Map: 13B  
Sanborn Map: 304 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 25  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 301  
Census Tract: 497  
Census Block: 3004  
School District: 14  
City Council District: 34  
Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 25,TAXBLOCK 2764 (Continued)**

**S109942375**

Commercial Overlay1: C1-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C1-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: S1  
Land Use Category: 04  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: NG SAU MUI  
Lot Area: 000002500  
Total Building Floor Area: 00000002250  
Commercial Floor Area: 00000001125  
Office Floor Area: 00000000000  
Retail Floor Area: 00000001125  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 002.00  
Residential Units: 00001  
Non and Residential Units: 00002  
Lot Frontage: 0025.00  
Lot Depth: 0100.00  
Building Frontage: 0025.00  
Building Depth: 0045.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000003828  
Total Assessed Value: 00000015720  
Land Exempt Value: 00000002370  
Total Exempt Value: 00000002370  
Year Built: 1930  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.90  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027640025  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999619  
Y Coordinate: 0199468  
Zoning Map: 13B  
Sanborn Map: 304 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LOT 25,TAXBLOCK 2764 (Continued)

S109942375

Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

E41  
WNW  
< 1/8  
0.066 mi.  
349 ft.

368 GRAHAM AVE  
BROOKLYN, NY 11211  
Site 6 of 10 in cluster E

EDR US Hist Cleaners 1015050142  
N/A

Relative:  
Lower  
Actual:  
33 ft.

EDR Historical Cleaners:  
Name: GS CLEANING STORE  
Year: 2004  
Address: 368 GRAHAM AVE  
Name: G S CLEANING STORE  
Year: 2005  
Address: 368 GRAHAM AVE  
Name: G & S CLEANER  
Year: 2006  
Address: 368 GRAHAM AVE

F42  
SW  
< 1/8  
0.067 mi.  
352 ft.

CON EDISON  
327 GRAHAM AVE  
BROOKLYN, NY 11211  
Site 1 of 4 in cluster F

NY MANIFEST S113921093  
N/A

Relative:  
Lower  
Actual:  
37 ft.

NY MANIFEST:  
EPA ID: NYP004372058  
Country: USA  
Mailing Info:  
Name: CON EDISON  
Contact: CON EDISON  
Address: 4 IRVING PLACE  
City/State/Zip: NEW YORK, NY 10003  
Country: USA  
Phone: Not reported  
Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD003812047  
Trans2 State ID: Not reported  
Generator Ship Date: 2013-10-09  
Trans1 Recv Date: 2013-10-09  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2013-10-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CON EDISON (Continued)**

**S113921093**

Generator EPA ID: NYP004372058  
 Trans1 EPA ID: Not reported  
 Trans2 EPA ID: Not reported  
 TSDF ID: NJD991291105  
 Waste Code: Not reported  
 Quantity: 30  
 Units: G - Gallons (liquids only)\* (8.3 pounds)  
 Number of Containers: 1  
 Container Type: TT - Cargo tank, tank trucks  
 Handling Method: T Chemical, physical, or biological treatment.  
 Specific Gravity: 1  
 Year: 2013  
 Manifest Tracking Num: 002291296GBF  
 Import Ind: N  
 Export Ind: N  
 Discr Quantity Ind: N  
 Discr Type Ind: N  
 Discr Residue Ind: N  
 Discr Partial Reject Ind: N  
 Discr Full Reject Ind: N  
 Manifest Ref Num: Not reported  
 Alt Fac RCRA Id: Not reported  
 Alt Fac Sign Date: Not reported  
 Mgmt Method Type Code: H110

**G43**  
**SSE**  
 < 1/8  
 0.071 mi.  
 377 ft.

**LOT 11,TAXBLOCK 2772**  
**DEVOE STREET**  
**BROOKLYN, NY 11211**

**NY E DESIGNATION**

**S109942178**  
**N/A**

**Site 1 of 5 in cluster G**

**Relative:**  
**Higher**

E DESIGNATION:  
 Tax Lot(s): 11  
 E-No: E-232  
 Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP056K  
 Ulurp Number: 090334ZMK  
 Zoning Map No: 12c 13a 13b  
 Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
 Borough Code: BK  
 Community District: 301  
 Census Tract: 495  
 Census Block: 1000  
 School District: 14  
 City Council District: 34  
 Fire Company: E216  
 Health Area: 30  
 Police Precinct: 090  
 Zone District 1: R6  
 Zone District 2: Not reported  
 Commercial Overlay1: Not reported  
 Commercial Overlay2: Not reported  
 Special Purpose District1: Not reported  
 Special Purpose District2: Not reported  
 All Components1: R6  
 All Components2: Not reported  
 Split Boundary Indicator: N

**Actual:**  
**41 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 11,TAXBLOCK 2772 (Continued)**

**S109942178**

Building Class: V0  
Land Use Category: 11  
Number of Easements: 0  
Owner, Type of Code: P  
Owner Name: RAMA & MANJULA  
Lot Area: 000001500  
Total Building Floor Area: 00000000000  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code4  
Number of Buildings: 00000  
Number of Floors: 000.00  
Residential Units: 00000  
Non and Residential Units: 00000  
Lot Frontage: 0020.00  
Lot Depth: 0075.00  
Building Frontage: 0000.00  
Building Depth: 0000.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000002752  
Total Assessed Value: 00000002752  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 0000  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.00  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027720011  
Condominium Number: 00000  
Census Tract 2: 0495  
X Coordinate: 1000292  
Y Coordinate: 0199336  
Zoning Map: 13B  
Sanborn Map: 309 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 11,TAXBLOCK 2772 (Continued)**

**S109942178**

Pluto-Base Map Indicator: 1

Tax Lot(s): 11  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 495  
Census Block: 1000  
School District: 14  
City Council District: 34  
Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: V0  
Land Use Category: 11  
Number of Easements: 0  
Owner, Type of Code: P  
Owner Name: RAMA & MANJULA  
Lot Area: 000001500  
Total Building Floor Area: 0000000000  
Commercial Floor Area: 0000000000  
Office Floor Area: 0000000000  
Retail Floor Area: 0000000000  
Garage Floor Area: 0000000000  
Storage Floor Area: 0000000000  
Factory Floor Area: 0000000000  
Other Floor Area: 0000000000  
Floor Area,Total Bld Source Code4  
Number of Buildings: 00000  
Number of Floors: 000.00  
Residential Units: 00000  
Non and Residential Units: 00000  
Lot Frontage: 0020.00  
Lot Depth: 0075.00  
Building Frontage: 0000.00  
Building Depth: 0000.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000002752  
Total Assessed Value: 00000002752

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 11,TAXBLOCK 2772 (Continued)**

**S109942178**

Land Exempt Value: 00000000000  
 Total Exempt Value: 00000000000  
 Year Built: 0000  
 Year Built Code: Not reported  
 Year Altered1: 0000  
 Year Altered2: 0000  
 Historic District Name: Not reported  
 Landmark Name: Not reported  
 Built Floor Area Ratio-Far: 0000.00  
 Maximum Allowable Far: 02.43  
 Borough Code: 3  
 Borough Tax Block And Lot: 3027720011  
 Condominium Number: 00000  
 Census Tract 2: 0495  
 X Coordinate: 1000292  
 Y Coordinate: 0199336  
 Zoning Map: 13B  
 Sanborn Map: 309 023  
 Tax Map: 30906  
 E Designation No: Not reported  
 Date of RPAD Data: 11/2005  
 Date of DCAS Data: 01/2006  
 Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**C44  
 SE  
 < 1/8  
 0.074 mi.  
 392 ft.**

**LOT 13,TAXBLOCK 2772  
 26 BUSHWICK AVENUE  
 BROOKLYN, NY 11211**

**NY E DESIGNATION**

**S109942214  
 N/A**

**Site 5 of 6 in cluster C**

**Relative:  
 Higher**

**E DESIGNATION:**  
 Tax Lot(s): 13  
 E-No: E-232  
 Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP056K  
 Ulurp Number: 090334ZMK  
 Zoning Map No: 12c 13a 13b  
 Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
 Borough Code: BK  
 Community District: 301  
 Census Tract: 495  
 Census Block: 1000  
 School District: 14  
 City Council District: 34  
 Fire Company: E216  
 Health Area: 30  
 Police Precinct: 090  
 Zone District 1: R6  
 Zone District 2: Not reported  
 Commercial Overlay1: Not reported  
 Commercial Overlay2: Not reported

**Actual:  
 40 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LOT 13,TAXBLOCK 2772 (Continued)

S109942214

Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: S4  
Land Use Category: 04  
Number of Easements: 0  
Owner, Type of Code: P  
Owner Name: RAMA & MANJULA  
Lot Area: 000001906  
Total Building Floor Area: 00000003477  
Commercial Floor Area: 00000001159  
Office Floor Area: 00000000000  
Retail Floor Area: 00000001159  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 003.00  
Residential Units: 00004  
Non and Residential Units: 00005  
Lot Frontage: 0025.75  
Lot Depth: 0074.00  
Building Frontage: 0025.75  
Building Depth: 0045.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 3  
Basement Type Grade: 5  
Land Assessed Value: 00000004301  
Total Assessed Value: 00000042841  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1920  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.82  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027720013  
Condominium Number: 00000  
Census Tract 2: 0495  
X Coordinate: 1000361  
Y Coordinate: 0199370  
Zoning Map: 13B  
Sanborn Map: 309 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 13,TAXBLOCK 2772 (Continued)**

**S109942214**

Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Tax Lot(s): 13  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 495  
Census Block: 1000  
School District: 14  
City Council District: 34  
Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: S4  
Land Use Category: 04  
Number of Easements: 0  
Owner, Type of Code: P  
Owner Name: RAMA & MANJULA  
Lot Area: 000001906  
Total Building Floor Area: 00000003477  
Commercial Floor Area: 00000001159  
Office Floor Area: 00000000000  
Retail Floor Area: 00000001159  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 003.00  
Residential Units: 00004  
Non and Residential Units: 00005  
Lot Frontage: 0025.75  
Lot Depth: 0074.00  
Building Frontage: 0025.75  
Building Depth: 0045.00  
Proximity Code: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 13,TAXBLOCK 2772 (Continued)**

**S109942214**

Irregular Lot Code: N  
Lot Type: 3  
Basement Type Grade: 5  
Land Assessed Value: 00000004301  
Total Assessed Value: 00000042841  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1920  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.82  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027720013  
Condominium Number: 00000  
Census Tract 2: 0495  
X Coordinate: 1000361  
Y Coordinate: 0199370  
Zoning Map: 13B  
Sanborn Map: 309 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**C45**  
**SE**  
**< 1/8**  
**0.075 mi.**  
**396 ft.**

**25 BUSHWICK AVE**  
**25 BUSHWICK AVE**  
**BROOKLYN, NY**  
**Site 6 of 6 in cluster C**

**NY LTANKS** **S102673149**  
**N/A**

**Relative:**  
**Higher**

**LTANKS:**

**Actual:**  
**40 ft.**

Site ID: 134902  
Spill Number/Closed Date: 9512040 / 7/4/1999  
Spill Date: 12/23/1995  
Spill Cause: Tank Overfill  
Spill Source: Private Dwelling  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: ADZHITOM  
Referred To: Not reported  
Reported to Dept: 12/23/1995  
CID: 252  
Water Affected: Not reported  
Spill Notifier: Responsible Party

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**25 BUSHWICK AVE (Continued)**

**S102673149**

Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 12/23/1995  
Spill Record Last Update: 8/5/1999  
Spiller Name: BARBARA GUNSON  
Spiller Company: BAERENKLAU FUEL OIL  
Spiller Address: 740 JAMAICA AVE  
Spiller City,St,Zip: BROOKLYN, NY 11208-  
Spiller County: 001  
Spiller Contact: MR GONZALEZ  
Spiller Phone: (718) 456-1874  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 115831  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ZHITOMIRSKY"  
Remarks: tank over fill onto concrete drive way-oil co on scene for cleanup

Material:  
Site ID: 134902  
Operable Unit ID: 1022718  
Operable Unit: 01  
Material ID: 359360  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 2  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**F46**  
**SW**  
**< 1/8**  
**0.077 mi.**  
**407 ft.**

**326 GRAHAM AVE**  
**326 GRAHAM AVENUE**  
**BROOKLYN, NY 11211**  
**Site 2 of 4 in cluster F**

**NY UST U004045416**  
**N/A**

**Relative:**  
**Lower**

UST:  
Id/Status: 2-608719 / Unregulated/Closed  
Program Type: PBS  
Region: STATE  
DEC Region: 2  
Expiration Date: 03/31/2008  
UTM X: 589177.27231000003  
UTM Y: 4507531.3454099996  
Site Type: Apartment Building/Office Building

**Actual:**  
**38 ft.**

Affiliation Records:  
Site Id: 30571  
Affiliation Type: Facility Owner

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**326 GRAHAM AVE (Continued)**

**U004045416**

Company Name: HARVEY S. ROSENBLUM  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 326 GRAHAM AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 291-5510  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 4/8/2008

Site Id: 30571  
Affiliation Type: Mail Contact  
Company Name: HARVEY S. ROSENBLUM  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 326 GRAHAM AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 291-5510  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 4/8/2008

Site Id: 30571  
Affiliation Type: On-Site Operator  
Company Name: 326 GRAHAM AVE  
Contact Type: Not reported  
Contact Name: HARVEY S. ROSENBLUM  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 291-5510  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 30571  
Affiliation Type: Emergency Contact  
Company Name: HARVEY S. ROSENBLUM  
Contact Type: Not reported  
Contact Name: HARVEY S. ROSENBLUM  
Address1: Not reported  
Address2: Not reported  
City: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**326 GRAHAM AVE (Continued)**

**U004045416**

State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 291-5510  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 101000  
Tank ID: 65562  
Tank Status: Closed - In Place  
Material Name: Closed - In Place  
Capacity Gallons: 1500  
Install Date: 01/01/1950  
Date Tank Closed: 03/28/2008  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 00  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 04/08/2008

Equipment Records:

C02 - Pipe Location - Underground/On-ground  
G00 - Tank Secondary Containment - None  
I05 - Overfill - Vent Whistle  
H00 - Tank Leak Detection - None  
B00 - Tank External Protection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping  
F00 - Pipe External Protection - None

H47  
NNW  
< 1/8  
0.078 mi.  
412 ft.

**177 SKILLMAN AVE  
BROOKLYN, NY 11211  
Site 1 of 4 in cluster H**

**EDR US Hist Auto Stat 1015274609  
N/A**

**Relative:  
Lower**

EDR Historical Auto Stations:  
Name: ERROL AUTO REPAIR  
Year: 2001

**Actual:  
31 ft.**

Address: 177 SKILLMAN AVE  
  
Name: ERROL AUTO REPAIR  
Year: 2003  
Address: 177 SKILLMAN AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B48**  
**NNE**  
**< 1/8**  
**0.083 mi.**  
**438 ft.**

**193 WOODPOINT RD**  
**BROOKLYN, NY 11211**  
**Site 2 of 3 in cluster B**

**EDR US Hist Auto Stat**    **1015293696**  
**N/A**

**Relative:**  
**Lower**  
  
**Actual:**  
**33 ft.**

EDR Historical Auto Stations:  
Name: TWO BROTHERS AUTO SVCE  
Year: 1999  
Address: 193 WOODPOINT RD  
  
Name: TWO BROTHERS AUTO SVCE  
Year: 2000  
Address: 193 WOODPOINT RD  
  
Name: TWO BROTHERS AUTO SERVICE  
Year: 2001  
Address: 193 WOODPOINT RD  
  
Name: TWO BROTHERS AUTO SALES  
Year: 2002  
Address: 193 WOODPOINT RD

**B49**  
**NNE**  
**< 1/8**  
**0.083 mi.**  
**438 ft.**

**TWO BROTHERS AUTO SALES**  
**193 WOODPOINT ROAD**  
**BROOKLYN, NY 11211**  
**Site 3 of 3 in cluster B**

**NY AST**    **A100296474**  
**N/A**

**Relative:**  
**Lower**  
  
**Actual:**  
**33 ft.**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-607573  
Program Type: PBS  
UTM X: 589358  
UTM Y: 4507775  
Expiration Date: 04/08/2007  
Site Type: Unknown  
  
Affiliation Records:  
Site Id: 29425  
Affiliation Type: Facility Owner  
Company Name: JOSEPH & STEVEN SANTORA  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 84-06 DORAN AVE  
Address2: Not reported  
City: GLENDALE  
State: NY  
Zip Code: 11785  
Country Code: 001  
Phone: (718) 894-4636  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DMMOLOUG  
Date Last Modified: 12/12/2013  
  
Site Id: 29425  
Affiliation Type: Mail Contact

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)  
EDR ID Number  
EPA ID Number

**TWO BROTHERS AUTO SALES (Continued)**

**A100296474**

Company Name: TWO BROTHERS AUTO SALES  
Contact Type: Not reported  
Contact Name: JOSEPH & STEVEN SANTORA  
Address1: 193 WOODPOINT ROAD  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 387-1285  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 29425  
Affiliation Type: On-Site Operator  
Company Name: TWO BROTHERS AUTO SALES  
Contact Type: Not reported  
Contact Name: JOSEPH SANTORA  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 387-1285  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 29425  
Affiliation Type: Emergency Contact  
Company Name: JOSEPH & STEVEN SANTORA  
Contact Type: Not reported  
Contact Name: JOSEPH SANTORA  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 387-1285  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001  
Tank Id: 63205  
Material Code: 0022  
Common Name of Substance: Waste Oil/Used Oil

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TWO BROTHERS AUTO SALES (Continued)**

**A100296474**

Equipment Records:

D00 - Pipe Type - No Piping  
 G00 - Tank Secondary Containment - None  
 J00 - Dispenser - None  
 A00 - Tank Internal Protection - None  
 C00 - Pipe Location - No Piping  
 F00 - Pipe External Protection - None  
 B00 - Tank External Protection - None  
 I00 - Overfill - None  
 H00 - Tank Leak Detection - None

Tank Location: 1  
 Tank Type: Steel/Carbon Steel/Iron  
 Tank Status: In Service  
 Pipe Model: Not reported  
 Install Date: Not reported  
 Capacity Gallons: 250  
 Tightness Test Method: NN  
 Date Test: Not reported  
 Next Test Date: Not reported  
 Date Tank Closed: Not reported  
 Register: True  
 Modified By: TRANSLAT  
 Last Modified: 03/04/2004  
 Material Name: Waste Oil/Used Oil

**F50  
 SW  
 < 1/8  
 0.084 mi.  
 442 ft.**

**LOT 7,TAXBLOCK 2771  
 322 GRAHAM AVENUE  
 BROOKLYN, NY 11211  
 Site 3 of 4 in cluster F**

**NY E DESIGNATION S109942746  
 N/A**

**Relative:  
 Lower**

**E DESIGNATION:**  
 Tax Lot(s): 7  
 E-No: E-232  
 Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP056K  
 Ulurp Number: 090334ZMK  
 Zoning Map No: 12c 13a 13b  
 Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
 Borough Code: BK  
 Community District: 301  
 Census Tract: 495  
 Census Block: 2000  
 School District: 14  
 City Council District: 34  
 Fire Company: E216  
 Health Area: 30  
 Police Precinct: 090  
 Zone District 1: R6  
 Zone District 2: Not reported  
 Commercial Overlay1: Not reported  
 Commercial Overlay2: Not reported  
 Special Purpose District1: Not reported  
 Special Purpose District2: Not reported  
 All Components1: R6  
 All Components2: Not reported

**Actual:  
 38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 7,TAXBLOCK 2771 (Continued)**

**S109942746**

Split Boundary Indicator: N  
Building Class: B9  
Land Use Category: 01  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: D'ELIA CARMINE  
Lot Area: 000002500  
Total Building Floor Area: 00000002390  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 002.00  
Residential Units: 00002  
Non and Residential Units: 00002  
Lot Frontage: 0025.00  
Lot Depth: 0100.00  
Building Frontage: 0020.00  
Building Depth: 0040.00  
Proximity Code: 3  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 2  
Land Assessed Value: 00000001773  
Total Assessed Value: 00000013478  
Land Exempt Value: 00000001430  
Total Exempt Value: 00000001430  
Year Built: 1920  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.96  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027710007  
Condominium Number: 00000  
Census Tract 2: 0495  
X Coordinate: 0999796  
Y Coordinate: 0199272  
Zoning Map: 13B  
Sanborn Map: 304 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 7, TAXBLOCK 2771 (Continued)**

**S109942746**

Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 7  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 495  
Census Block: 2000  
School District: 14  
City Council District: 34  
Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: B9  
Land Use Category: 01  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: D'ELIA CARMINE  
Lot Area: 000002500  
Total Building Floor Area: 00000002390  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area, Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 002.00  
Residential Units: 00002  
Non and Residential Units: 00002  
Lot Frontage: 0025.00  
Lot Depth: 0100.00  
Building Frontage: 0020.00  
Building Depth: 0040.00  
Proximity Code: 3  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 2  
Land Assessed Value: 00000001773

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 7, TAXBLOCK 2771 (Continued)**

**S109942746**

Total Assessed Value: 00000013478  
 Land Exempt Value: 00000001430  
 Total Exempt Value: 00000001430  
 Year Built: 1920  
 Year Built Code: E  
 Year Altered1: 0000  
 Year Altered2: 0000  
 Historic District Name: Not reported  
 Landmark Name: Not reported  
 Built Floor Area Ratio-Far: 0000.96  
 Maximum Allowable Far: 02.43  
 Borough Code: 3  
 Borough Tax Block And Lot: 3027710007  
 Condominium Number: 00000  
 Census Tract 2: 0495  
 X Coordinate: 0999796  
 Y Coordinate: 0199272  
 Zoning Map: 13B  
 Sanborn Map: 304 023  
 Tax Map: 30906  
 E Designation No: Not reported  
 Date of RPAD Data: 11/2005  
 Date of DCAS Data: 01/2006  
 Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**G51**  
**SE**  
 < 1/8  
 0.086 mi.  
 452 ft.

**LOT 15, TAXBLOCK 2772**  
**32 BUSHWICK AVENUE**  
**BROOKLYN, NY 11211**  
 Site 2 of 5 in cluster G

**NY E DESIGNATION**

**S109942247**  
**N/A**

**Relative:**  
**Higher**

**E DESIGNATION:**  
 Tax Lot(s): 15  
 E-No: E-232  
 Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP056K  
 Ulurp Number: 090334ZMK  
 Zoning Map No: 12c 13a 13b  
 Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
 Borough Code: BK  
 Community District: 301  
 Census Tract: 495  
 Census Block: 1000  
 School District: 14  
 City Council District: 34  
 Fire Company: E216  
 Health Area: 30  
 Police Precinct: 090  
 Zone District 1: R6  
 Zone District 2: Not reported  
 Commercial Overlay1: Not reported

**Actual:**  
**40 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 15,TAXBLOCK 2772 (Continued)**

**S109942247**

Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: C0  
Land Use Category: 02  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: D'ARRIGO, FRANCESCO  
Lot Area: 000002236  
Total Building Floor Area: 00000002931  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 003.00  
Residential Units: 00003  
Non and Residential Units: 00003  
Lot Frontage: 0025.75  
Lot Depth: 0086.83  
Building Frontage: 0025.75  
Building Depth: 0035.00  
Proximity Code: 2  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 2  
Land Assessed Value: 00000001989  
Total Assessed Value: 00000013478  
Land Exempt Value: 00000001430  
Total Exempt Value: 00000001430  
Year Built: 1901  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.31  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027720015  
Condominium Number: 00000  
Census Tract 2: 0495  
X Coordinate: 1000376  
Y Coordinate: 0199324  
Zoning Map: 13B  
Sanborn Map: 309 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 15,TAXBLOCK 2772 (Continued)**

**S109942247**

Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Tax Lot(s): 15  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 495  
Census Block: 1000  
School District: 14  
City Council District: 34  
Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: C0  
Land Use Category: 02  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: D'ARRIGO, FRANCESCO  
Lot Area: 000002236  
Total Building Floor Area: 00000002931  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 003.00  
Residential Units: 00003  
Non and Residential Units: 00003  
Lot Frontage: 0025.75  
Lot Depth: 0086.83  
Building Frontage: 0025.75  
Building Depth: 0035.00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 15,TAXBLOCK 2772 (Continued)**

**S109942247**

Proximity Code: 2  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 2  
Land Assessed Value: 00000001989  
Total Assessed Value: 00000013478  
Land Exempt Value: 00000001430  
Total Exempt Value: 00000001430  
Year Built: 1901  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.31  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027720015  
Condominium Number: 00000  
Census Tract 2: 0495  
X Coordinate: 1000376  
Y Coordinate: 0199324  
Zoning Map: 13B  
Sanborn Map: 309 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**E52**  
**WSW**  
**< 1/8**  
**0.087 mi.**  
**460 ft.**

**LOT 19,TAXBLOCK 2764**  
**724 METROPOLITAN AVENUE**  
**BROOKLYN, NY 11211**

**NY E DESIGNATION** **S109942298**  
**N/A**

**Site 7 of 10 in cluster E**

**Relative:**  
**Lower**

**E DESIGNATION:**  
Tax Lot(s): 19  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 301  
Census Tract: 497  
Census Block: 3004  
School District: 14  
City Council District: 34  
Fire Company: E216

**Actual:**  
**35 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 19,TAXBLOCK 2764 (Continued)**

**S109942298**

Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C1-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C1-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: C2  
Land Use Category: 02  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: MCBOWLE PROPERTIES IN  
Lot Area: 000002533  
Total Building Floor Area: 00000005700  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 003.00  
Residential Units: 00006  
Non and Residential Units: 00006  
Lot Frontage: 0025.33  
Lot Depth: 0100.00  
Building Frontage: 0025.33  
Building Depth: 0075.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000009369  
Total Assessed Value: 00000043170  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1930  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0002.25  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027640019  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999519  
Y Coordinate: 0199524  
Zoning Map: 13B

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 19,TAXBLOCK 2764 (Continued)**

**S109942298**

Sanborn Map: 304 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**H53  
NW  
< 1/8  
0.089 mi.  
470 ft.**

**380 GRAHAM AVE  
BROOKLYN, NY 11211**

**EDR US Hist Cleaners 1015051616  
N/A**

**Site 2 of 4 in cluster H**

**Relative:  
Lower  
  
Actual:  
31 ft.**

EDR Historical Cleaners:

Name: GS CLEANING STORE  
Year: 2007  
Address: 380 GRAHAM AVE  
  
Name: GS CLEANING STORE  
Year: 2008  
Address: 380 GRAHAM AVE  
  
Name: GS CLEANING STORE  
Year: 2009  
Address: 380 GRAHAM AVE  
  
Name: G S CLEANING STORE  
Year: 2010  
Address: 380 GRAHAM AVE  
  
Name: G S CLEANING STORE  
Year: 2011  
Address: 380 GRAHAM AVE  
  
Name: G S CLEANING STORE  
Year: 2012  
Address: 380 GRAHAM AVE

**I54  
NNE  
< 1/8  
0.091 mi.  
478 ft.**

**221 SKILLMAN AVE  
BROOKLYN, NY 11211**

**EDR US Hist Auto Stat 1015334893  
N/A**

**Site 1 of 5 in cluster I**

**Relative:  
Lower  
  
Actual:  
33 ft.**

EDR Historical Auto Stations:

Name: HI TECH AUTO REPAIR CORP  
Year: 2006  
Address: 221 SKILLMAN AVE  
  
Name: HI TECH AUTO REPAIR CORP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015334893

Year: 2007  
Address: 221 SKILLMAN AVE  
  
Name: HI TECH AUTO REPAIR CORP  
Year: 2008  
Address: 221 SKILLMAN AVE

E55  
WSW  
< 1/8  
0.091 mi.  
478 ft.

BRICKMER REALTY CORP  
722 METROPOLITAN AVE  
BROOKLYN, NY 11211

NY AST U004078037  
N/A

Site 8 of 10 in cluster E

Relative:  
Lower

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-374431  
Program Type: PBS  
UTM X: 589139.4284599997  
UTM Y: 4507573.7996800002  
Expiration Date: 10/02/2007  
Site Type: Manufacturing (Other than Chemical)/Processing

Actual:  
35 ft.

Affiliation Records:

Site Id: 18836  
Affiliation Type: Facility Owner  
Company Name: BRICKMER REALTY CORP  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 722 METROPOLITAN AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 387-4843  
EMail: Not reported  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 12/16/2004

Site Id: 18836  
Affiliation Type: Mail Contact  
Company Name: BRICKMER REALTY CORP  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 722 METROPOLITAN AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 387-4843  
EMail: Not reported  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 12/16/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BRICKMER REALTY CORP (Continued)**

**U004078037**

Site Id: 18836  
Affiliation Type: On-Site Operator  
Company Name: BRICKMER REALTY CORP  
Contact Type: Not reported  
Contact Name: BRICKMER REALTY CORP  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 387-4843  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 18836  
Affiliation Type: Emergency Contact  
Company Name: BRICKMER REALTY CORP  
Contact Type: Not reported  
Contact Name: BARMETT BRICKMER  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 387-4843  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001  
Tank Id: 21139  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
B00 - Tank External Protection - None  
H00 - Tank Leak Detection - None

Tank Location: 6  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 3000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BRICKMER REALTY CORP (Continued)**

**U004078037**

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: TRANSLAT  
Last Modified: 03/04/2004  
Material Name: #2 Fuel Oil (On-Site Consumption)

**F56**  
**SW**  
**< 1/8**  
**0.093 mi.**  
**493 ft.**

**LOT 5,TAXBLOCK 2771**  
**318 GRAHAM AVENUE**  
**BROOKLYN, NY 11211**  
**Site 4 of 4 in cluster F**

**NY E DESIGNATION** **S109942645**  
**N/A**

**Relative:**  
**Higher**

E DESIGNATION:  
Tax Lot(s): 5  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 301  
Census Tract: 495  
Census Block: 2000  
School District: 14  
City Council District: 34  
Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: K1  
Land Use Category: 05  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: 318 GRAHAM AVENUE COR  
Lot Area: 000002500  
Total Building Floor Area: 0000001400  
Commercial Floor Area: 0000001400  
Office Floor Area: 0000000000  
Retail Floor Area: 0000001400  
Garage Floor Area: 0000000000  
Storage Floor Area: 0000000000  
Factory Floor Area: 0000000000  
Other Floor Area: 0000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001

**Actual:**  
**39 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 5, TAXBLOCK 2771 (Continued)**

**S109942645**

Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0020.00
Building Depth:	0070.00
Proximity Code:	3
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000019890
Total Assessed Value:	00000061200
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1920
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.56
Maximum Allowable Far:	02.43
Borough Code:	3
Borough Tax Block And Lot:	3027710005
Condominium Number:	00000
Census Tract 2:	0495
X Coordinate:	0999800
Y Coordinate:	0199224
Zoning Map:	13B
Sanborn Map:	304 023
Tax Map:	30906
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	5
E-No:	E-232
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP056K
Ulurp Number:	090334ZMK
Zoning Map No:	12c 13a 13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	495
Census Block:	2000
School District:	14
City Council District:	34

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 5, TAXBLOCK 2771 (Continued)**

**S109942645**

Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: K1  
Land Use Category: 05  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: 318 GRAHAM AVENUE COR  
Lot Area: 000002500  
Total Building Floor Area: 00000001400  
Commercial Floor Area: 00000001400  
Office Floor Area: 00000000000  
Retail Floor Area: 00000001400  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area, Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00001  
Lot Frontage: 0025.00  
Lot Depth: 0100.00  
Building Frontage: 0020.00  
Building Depth: 0070.00  
Proximity Code: 3  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000019890  
Total Assessed Value: 00000061200  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1920  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.56  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027710005  
Condominium Number: 00000  
Census Tract 2: 0495  
X Coordinate: 0999800  
Y Coordinate: 0199224

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 5, TAXBLOCK 2771 (Continued)**

**S109942645**

Zoning Map: 13B  
 Sanborn Map: 304 023  
 Tax Map: 30906  
 E Designation No: Not reported  
 Date of RPAD Data: 11/2005  
 Date of DCAS Data: 01/2006  
 Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**H57  
 NW  
 < 1/8  
 0.096 mi.  
 509 ft.**

**SKILLMAN AVE. & GRAHAM AV  
 SKILLMAN AVE./GRAHAM AVE.  
 NEW YORK CITY, NY**

**NY Spills S102144528  
 N/A**

**Site 3 of 4 in cluster H**

**Relative:  
 Lower**

**SPILLS:**

Facility ID: 8701082  
 Facility Type: ER  
 DER Facility ID: 114968  
 Site ID: 133781  
 DEC Region: 2  
 Spill Date: 5/7/1987  
 Spill Number/Closed Date: 8701082 / 5/8/1987  
 Spill Cause: Abandoned Drums  
 Spill Class: Not reported  
 SWIS: 2401  
 Investigator: UNASSIGNED  
 Referred To: Not reported  
 Reported to Dept: 5/8/1987  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Source: Unknown  
 Spill Notifier: Police Department  
 Cleanup Ceased: 5/8/1987  
 Cleanup Meets Std: True  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 5/11/1987  
 Spill Record Last Update: 9/2/1987  
 Spiller Name: Not reported  
 Spiller Company: UNKNOWN  
 Spiller Address: Not reported  
 Spiller City,St,Zip: NY  
 Spiller Company: 999  
 Contact Name: Not reported  
 Contact Phone: Not reported  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was " "  
 Not reported

**Actual:  
 30 ft.**

Remarks:

TWO OFFICERS WERE BURNED WHILE CARRYING CONTAINERS.

Material:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SKILLMAN AVE. & GRAHAM AV (Continued)**

**S102144528**

Site ID: 133781  
Operable Unit ID: 907563  
Operable Unit: 01  
Material ID: 471045  
Material Code: 0101A  
Material Name: ACETIC ACID  
Case No.: 00064197  
Material FA: Hazardous Material  
Quantity: 5  
Units: Gallons  
Recovered: 5  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**E58**  
**WNW**  
**< 1/8**  
**0.101 mi.**  
**535 ft.**

**BASEMENT**  
**146 CONSELYEA ST**  
**BROOKLYN, NY**  
**Site 9 of 10 in cluster E**

**NY Spills S113493700**  
**N/A**

**Relative:**  
**Lower**

**SPILLS:**

**Actual:**  
**32 ft.**

Facility ID: 1301163  
Facility Type: ER  
DER Facility ID: 436802  
Site ID: 481534  
DEC Region: 2  
Spill Date: 5/3/2013  
Spill Number/Closed Date: 1301163 / 8/6/2013  
Spill Cause: Equipment Failure  
Spill Class: Not reported  
SWIS: 2401  
Investigator: HRPATEL  
Referred To: Not reported  
Reported to Dept: 5/4/2013  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Private Dwelling  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 5/4/2013  
Spill Record Last Update: 8/6/2013  
Spiller Name: Not reported  
Spiller Company: CHIRSTOPHER PEPE  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller Company: 999  
Contact Name: GINA RUGGERA  
Contact Phone: (917) 648-3891  
DEC Memo: 05/04/13-Hiralkumar Patel.1:40 PM:- visited site. site has fill port

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BASEMENT (Continued)**

**S113493700**

(sealed) and vent pipe in the northwest corner of the building. met Ms. Ruggera. she mentioned that due to smell in building, FDNY and national grid responded last night. during inspection, FDNY found leak from two oil tanks located in basement. inspected site basement. site has two 275 gal ASTs on legs, about 2 ft from floor, located in northwest corner of the basement. petroleum odors noted in tank area. found oil stained concrete under the tanks. tank adjacent to western foundation wall leaked onto concrete floor and possibly into hole where sewer (or gas) line goes in ground. a 5 gal bucket, possible left by FDNY, found under the tank which contains liquid. drip noted from bottom of leaking tank. no odors noted upstairs. 1:58 - Spoke with Mr. Pepe, property owner. he mentioned that the tanks are out of service for past 20 years. informed him about oil leak from one of the tank and petroleum odors in basement. asked him to setup ventilation fan in basement today and cleanup spill. Christopher W. Pepe / Linda R. Pepe \*\*property owners\*\* 85 Kingsland Avenue Brooklyn, NY 11222 Ph. (718) 388-8600 (O) \*\*Mr. Pepe's number\*\* (917) 515-4622 (C) email: Chrispepe@ncpepecorp.com 3:26 PM:- received message from Rob Hill from Riteway. Rob mentioned that Riteway will remove tanks on 05/06/13. 05/14/13-Hiralkumar Patel. 12:32 PM:- received call from Rob from Riteway. they pumped and removed tanks on 05/05/13. they cleaned up basement floor and nearby pit. asked Rob to send email with cleanup description and available pics. 1:00 PM:- received call from Mr. Pepe. he mentioned that there are no complaints from Ms. Ruggera who lives in apt. 1L, but tenants in apt. 1R are complaining about petroleum vapors in building. Mr. Pepe spoke with Riteway who wants confirmation from the department. informed Mr. Pepe that the department is waiting for email from Riteway who has some pics. Jay Lee \*\*tenant in apt. 1R\*\* Ph. (864) 907-67943: 22 PM:- left message for Mr. Lee. 05/15/13-Hiralkumar Patel. 3:27 PM:- left message for Mr. Lee. 5/16/2013 Sangesland spoke to Ms. Ruggera (Apt 1L) and she said there is still heavy vapors in the building. Sangesland gave Ms. Ruggera a cell # for Kumar Patel. 05/20/13-Hiralkumar Patel. received message from Mr. Lee (at 2:08 PM on 05/16/13). received message from Ms. Ruggera (at 1:38 PM on 05/16/13) complaining about petroleum odors in building. 9:40 AM:- visited site. met Ms. Ruggera. she mentioned about petroleum vapors in her apartment as well as apartment 1R. no odors noted in hallway on 1st floor. inspected basement. tanks removed from site. found some stained concrete, impacted wood studs (of partition wall between storage room and former tank area) and hole in basement floor along the western foundation wall. Ms. Ruggera mentioned that Eric Joseph from NYC DOH has inspected site on 05/17/13. Ms. Ruggera mentioned that no petroleum vapors noted in apartment or breathing zone in basement, but found 88 ppm in hole along western foundation wall. during site inspection, petroleum odors noted close to basement floor near this hole. two fans were running in basement windows. 10:23 AM:- left message for Eric Joseph at NYC DOH. Eric Joseph NYC DOH Ph. (212) 442-3372 (917) 731-2769 case # T130511186 email: ejoseph1@health.nyc.gov 10:42 AM:- spoke with Mr. Pepe. based on observations during site visit, asked him for following:- cleanup of impacted studs in partition wall- removal of any contaminated soil, if possible, along western foundation wall- sealing of basement floor and walls in impacted areas 10:47 AM:- spoke with Rob at Riteway and informed him about above requirements. 1:05 PM:- left message for Eric at NYC DOH. 4:06 PM:- received call from Eric. he mentioned that during inspection, no readings noted in apartments or lobby on first

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BASEMENT (Continued)**

**S113493700**

floor. less than 2 ppm recorded in breathing zone in basement. found 88.3 ppm in hole along western foundation wall. Eric will send inspection report tomorrow.05/21/13-Hiralkumar Patel.9:24 AM:- received call from Mr. Pepe and scheduled a site inspection at 10:00 AM tomorrow.1:06 PM:- received fax from Eric including DOH inspection report. Eric mentioned that reinspection will occur on or after 06/07/13.05/22/13-Hiralkumar Patel.10:30 AM:- visited site. met with Ms. Ruggera, Mr. Pepe and Pete (Riteway Tank). asked Mr. Pepe to remove contaminated building material and soil (if possible). also asked him to seal the impacted areas. Riteway will submit work proposal.1:21 PM:- sent letter to Mr. Pepe requiring submission of cleanup report by the end of 06/28/13. letter emailed to Mr. Pepe and Rob Hill.05/24/13-Hiralkumar Patel.2:38 PM:- received message from Rob.05/28/13-Hiralkumar Patel.11:41 AM:- spoke with Rob. they removed basement cement floor by the break along foundation wall and removed some contaminated soil to a depth of 1 ft bg. will continue soil removal. asked Rob to collect endpoint soil sample for VOC/SVOC analyses.05/31/13-Hiralkumar Patel.11:25 AM:- received call from Ms. Ruggera. she mentioned about some petroleum odors in basement and outside building by the basement window where fans are running. informed her about work done by contractor. she confirmed no odors in hallway on first floor. she was concerned about odors in her apartment as apartment window is right above the basement window. suggested her to keep her apartment window closed to prevent any air from basement to enter her apartment.06/10/13-Hiralkumar Patel.11:01 AM:- received call from Ms. Ruggera. she complained about vapors outside the building, close to area where fans running in basement windows.11:04 AM:- spoke with Rob. he mentioned that excavation in basement is still open as waiting for endpoint sample results. they collected endpoint samples last monday. asked Rob to follow up with lab.06/18/13-Hiralkumar Patel.9:02 AM:- received email from Rob including results of endpoint samples. three endpoint samples were collected from depth between 2 and 4 ft below surface. minor VOC contamination found in samples except Sample #3.soil analyticals:-----Sample #3 (4 ft)Xylene-----6451,2, 4-Trimethylbenzene-----4,1801,3,5-Trimethylbenzene-----1, 280Naphthalene-----1,42011:07 AM:- received email from Rob including site map with sample locations. as per site map, excavation was 11 ft long and 8 ft wide.2:35 PM:- spoke with Rob. inquired him about possibility of further excavation in area where Sample #3 was collected. Rob mentioned that Sample #3 was collected from area about 1 ft from building's western foundation wall, at a depth of 4 ft below surface. due to proximity to the foundation wall, no further excavation was possible. Riteway crew has partially backfill the area. Rob mentioned that area will be completely backfilled by tomorrow and once he get approval for floor restoration and epoxy, they will finish that also.2:44 PM:- spoke with Ms. Ruggera. informed her about endpoint sample results and project update. she mentioned that NYC DOH inspector visited site recently and mentioned about passive venting system. informed Ms. Ruggera that based on available information, there is no need for passive venting system.2:45 PM:- received email from Rob including excavation pics.3:08 PM:- left message for Eric at NYC DOH.3:13 PM:- discussed with Mike Hughes at NYS DOH regarding installation of passive venting system. based on available information, venting system is not required, but he recommended backfilling top 4-6 inches with coarse

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BASEMENT (Continued)**

**S113493700**

Remarks:

material which would allow pathway for vapor collection, if needed in future. he mentioned that if any vapor complaints in future, contractor can drill hole in floor and stick pipe into coarse material to draw vapors out.3:16 PM:- left message for Rob.3:21 PM:- sent email to Mr. Pepe requesting call back.3:31 PM:- received call from Mr. Pepe. informed him that based on endpoint sample results, the department requires top layer of excavation backfilled with coarse material to allow vapor recovery, if needed in future. he will talk to contractor.3:46 PM:- received call from Rob. informed him about requirement for backfilling top layer of excavation with coarse material.06/24/13-Hiralkumar Patel.11:48 AM:- spoke with Rob. he mentioned that excavation was backfilled with stones in top layer of excavation and cement was poured on 06/20/13. they will do powerwash of impacted floor and walls tomorrow and then apply sealant later in this week.06/25/13-Hiralkumar Patel.9:22 AM:- received message from Rosemary Edison (646-632-6131) from NYC DOH.12:53 PM:- left message for Rosemary.2:25 PM:- received call from Rosemary. she inspected site on 06/14/13. she observed open excavation in basement and detected 10 ppm in excavation. also detected mild to moderate odor in basement, but no petroleum odors in apartments above. she detected 8 ppm in Ms. Ruggera's apartment but no petroleum odors were noted. informed her about excavation backfilling and planned epoxy. suggested her to re-inspect site after next week. asked her to send copy of report for inspection on 06/14/13.07/10/13-Hiralkumar Patel. DEC Vought received call from Eric.11:45 AM:- spoke with Eric. he visited site today. no odors or VOCs noted on first floor lobby and apts. found less than 1.1 ppm on PID in basement. Eric believes that any reading in basement is due to recently applied epoxy coating. asked Eric to send reports of DOH inspection conducted today and on 06/14/13 (by Rosemary).07/15/13-Hiralkumar Patel. received fax from Eric including report for DOH inspection on 06/14/13 and 07/10/13.result of visit on 06/14/13:- excavation was open- mild to moderate oil type odor in basement- approx. 10 ppm VOCs detected in basement- two fans running in basement- no oil type odors noted in residential unit- approx. 8 ppm VOCs detected in apartment unitresult of visit on 07/10/13:- survey was conducted throughout apt. 1L, 1B and the public hallway prior to entering the basement- no oil odor or other odor nuisance noted in the apts. or hallway- no PID readings noted in apts. or hallway- excavated area was backfilled and epoxy coating was applied- basement window fans were turned off in morning for the investigation- only light odor of epoxy paint was noted in basement- less than 1.1 ppm noted on PID throughout the basement-following investigation, basement fans were turned back on- asked to continue basement ventilation for removal of residual odor(s) and vapor(s)07/23/13-Hiralkumar Patel.12:56 PM:- left message for Mr. Pepe to submit report.3:59 PM:- received report from Riteway.08/06/13-Hiralkumar Patel. based on NYC DOH inspection report and submitted cleanup report, case closed.2:11 PM:- sent spill closure letter to Mr. Pepe. letter emailed to Mr. Pepe and Rob. Caller advised had a smell coming from the basement and the FD and National grid responded to the house and advised her that it was from an old tank in the house that spilled oil onto basement floor. Caller advised the landlord and told her it was paint thinner. Caller is looking to have someone test the spot since there is a difference of opinion between the FD, national grid and Landlord. Caller also advised that they do not have oil heat but Natural gas.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BASEMENT (Continued)**

**S113493700**

Material:  
Site ID: 481534  
Operable Unit ID: 1231303  
Operable Unit: 01  
Material ID: 2230035  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: Not reported  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**E59**  
**WNW**  
**< 1/8**  
**0.101 mi.**  
**535 ft.**

**RESIDENCE**  
**146 CONSELYEA STREET**  
**BROOKLYN, NY**

**NY Spills S113493710**  
**N/A**

**Site 10 of 10 in cluster E**

**Relative:**  
**Lower**

**SPILLS:**  
Facility ID: 1301174  
Facility Type: ER  
DER Facility ID: 436813  
Site ID: 481545  
DEC Region: 2  
Spill Date: 5/5/2013  
Spill Number/Closed Date: 1301174 / 5/6/2013  
Spill Cause: Equipment Failure  
Spill Class: Not reported  
SWIS: 2401  
Investigator: HRPATEL  
Referred To: Not reported  
Reported to Dept: 5/5/2013  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Private Dwelling  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 5/5/2013  
Spill Record Last Update: 5/6/2013  
Spiller Name: PEPE, CHRIS  
Spiller Company: HOME OWNER  
Spiller Address: 146 & CONSELYEA STREET  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Company: 999  
Contact Name: PEPE, CHRIS  
Contact Phone: (517) -51-5-4622

**Actual:**  
**32 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RESIDENCE (Continued)**

**S113493710**

DEC Memo: 05/06/13-Hiralkumar Patel. duplicate spill. refer to spill #: 1301163.  
Not reported  
Remarks: contained to concrete floor - basement - clean up in progress  
Material:  
Site ID: 481545  
Operable Unit ID: 1231314  
Operable Unit: 01  
Material ID: 2230048  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 10  
Units: Gallons  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**G60**  
**SSE**  
**< 1/8**  
**0.102 mi.**  
**537 ft.**

**LOT 20,TAXBLOCK 2772**  
**299 AINSLIE STREET**  
**BROOKLYN, NY 11211**  
**Site 3 of 5 in cluster G**

**NY E DESIGNATION** **S109942321**  
**N/A**

**Relative:**  
**Higher**

E DESIGNATION:  
Tax Lot(s): 20  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 301  
Census Tract: 495  
Census Block: 1000  
School District: 14  
City Council District: 34  
Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: B9  
Land Use Category: 01  
Number of Easements: 0

**Actual:**  
**41 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 20,TAXBLOCK 2772 (Continued)**

**S109942321**

Owner, Type of Code: Not reported  
Owner Name: LONG ETHAN M  
Lot Area: 000002000  
Total Building Floor Area: 00000001500  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 002.00  
Residential Units: 00002  
Non and Residential Units: 00002  
Lot Frontage: 0020.00  
Lot Depth: 0100.00  
Building Frontage: 0020.00  
Building Depth: 0025.00  
Proximity Code: 2  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 1  
Land Assessed Value: 00000002118  
Total Assessed Value: 00000009969  
Land Exempt Value: 00000001430  
Total Exempt Value: 00000001430  
Year Built: 1899  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.75  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027720020  
Condominium Number: 00000  
Census Tract 2: 0495  
X Coordinate: 1000387  
Y Coordinate: 0199204  
Zoning Map: 13B  
Sanborn Map: 309 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 20

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 20,TAXBLOCK 2772 (Continued)**

**S109942321**

E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 495  
Census Block: 1000  
School District: 14  
City Council District: 34  
Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: B9  
Land Use Category: 01  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: LONG ETHAN M  
Lot Area: 000002000  
Total Building Floor Area: 00000001500  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 002.00  
Residential Units: 00002  
Non and Residential Units: 00002  
Lot Frontage: 0020.00  
Lot Depth: 0100.00  
Building Frontage: 0020.00  
Building Depth: 0025.00  
Proximity Code: 2  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 1  
Land Assessed Value: 00000002118  
Total Assessed Value: 00000009969  
Land Exempt Value: 00000001430  
Total Exempt Value: 00000001430  
Year Built: 1899

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 20,TAXBLOCK 2772 (Continued)**

**S109942321**

Year Built Code: E  
 Year Altered1: 0000  
 Year Altered2: 0000  
 Historic District Name: Not reported  
 Landmark Name: Not reported  
 Built Floor Area Ratio-Far: 0000.75  
 Maximum Allowable Far: 02.43  
 Borough Code: 3  
 Borough Tax Block And Lot: 3027720020  
 Condominium Number: 00000  
 Census Tract 2: 0495  
 X Coordinate: 1000387  
 Y Coordinate: 0199204  
 Zoning Map: 13B  
 Sanborn Map: 309 023  
 Tax Map: 30906  
 E Designation No: Not reported  
 Date of RPAD Data: 11/2005  
 Date of DCAS Data: 01/2006  
 Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**G61  
 SSE  
 < 1/8  
 0.102 mi.  
 538 ft.**

**LOT 18,TAXBLOCK 2772  
 301 AINSLIE STREET  
 BROOKLYN, NY 11211**

**NY E DESIGNATION S109942291  
 N/A**

**Site 4 of 5 in cluster G**

**Relative:  
 Higher**

E DESIGNATION:  
 Tax Lot(s): 18  
 E-No: E-232  
 Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP056K  
 Ulurp Number: 090334ZMK  
 Zoning Map No: 12c 13a 13b  
 Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
 Borough Code: BK  
 Community District: 301  
 Census Tract: 495  
 Census Block: 1000  
 School District: 14  
 City Council District: 34  
 Fire Company: E216  
 Health Area: 30  
 Police Precinct: 090  
 Zone District 1: R6  
 Zone District 2: Not reported  
 Commercial Overlay1: Not reported  
 Commercial Overlay2: Not reported  
 Special Purpose District1: Not reported  
 Special Purpose District2: Not reported  
 All Components1: R6

**Actual:  
 41 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 18,TAXBLOCK 2772 (Continued)**

**S109942291**

All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: S5  
Land Use Category: 04  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: SCHWENK WILLIAM H  
Lot Area: 000003100  
Total Building Floor Area: 00000004643  
Commercial Floor Area: 00000000934  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000934  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 003.00  
Residential Units: 00005  
Non and Residential Units: 00006  
Lot Frontage: 0043.33  
Lot Depth: 0103.00  
Building Frontage: 0023.33  
Building Depth: 0053.00  
Proximity Code: 0  
Irregular Lot Code: Y  
Lot Type: 3  
Basement Type Grade: 5  
Land Assessed Value: 00000005613  
Total Assessed Value: 00000054265  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1930  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.50  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027720018  
Condominium Number: 00000  
Census Tract 2: 0495  
X Coordinate: 1000411  
Y Coordinate: 0199234  
Zoning Map: 13B  
Sanborn Map: 309 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 18,TAXBLOCK 2772 (Continued)**

**S109942291**

Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Tax Lot(s): 18  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 495  
Census Block: 1000  
School District: 14  
City Council District: 34  
Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: S5  
Land Use Category: 04  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: SCHWENK WILLIAM H  
Lot Area: 000003100  
Total Building Floor Area: 00000004643  
Commercial Floor Area: 00000000934  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000934  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 003.00  
Residential Units: 00005  
Non and Residential Units: 00006  
Lot Frontage: 0043.33  
Lot Depth: 0103.00  
Building Frontage: 0023.33  
Building Depth: 0053.00  
Proximity Code: 0  
Irregular Lot Code: Y  
Lot Type: 3  
Basement Type Grade: 5

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 18,TAXBLOCK 2772 (Continued)**

**S109942291**

Land Assessed Value: 00000005613  
 Total Assessed Value: 00000054265  
 Land Exempt Value: 00000000000  
 Total Exempt Value: 00000000000  
 Year Built: 1930  
 Year Built Code: Not reported  
 Year Altered1: 0000  
 Year Altered2: 0000  
 Historic District Name: Not reported  
 Landmark Name: Not reported  
 Built Floor Area Ratio-Far: 0001.50  
 Maximum Allowable Far: 02.43  
 Borough Code: 3  
 Borough Tax Block And Lot: 3027720018  
 Condominium Number: 00000  
 Census Tract 2: 0495  
 X Coordinate: 1000411  
 Y Coordinate: 0199234  
 Zoning Map: 13B  
 Sanborn Map: 309 023  
 Tax Map: 30906  
 E Designation No: Not reported  
 Date of RPAD Data: 11/2005  
 Date of DCAS Data: 01/2006  
 Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**G62**  
**SSE**  
 < 1/8  
 0.105 mi.  
 556 ft.

**S/S BREAKER LEAKED DURING REMOVAL**  
**324 AINSLIE ST. SUBSTATION**  
**BROOKLYN, NY**  
 Site 5 of 5 in cluster G

**NY Spills S109062206**  
**N/A**

**Relative:**  
**Higher**

**SPILLS:**  
 Facility ID: 0801005  
 Facility Type: ER  
 DER Facility ID: 346328  
 Site ID: 396859  
 DEC Region: 2  
 Spill Date: 4/24/2008  
 Spill Number/Closed Date: 0801005 / 5/19/2008  
 Spill Cause: Equipment Failure  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 SWIS: 2401  
 Investigator: gdbreen  
 Referred To: Not reported  
 Reported to Dept: 4/24/2008  
 CID: 406  
 Water Affected: Not reported  
 Spill Source: Commercial/Industrial  
 Spill Notifier: Responsible Party  
 Cleanup Ceased: Not reported

**Actual:**  
 41 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**S/S BREAKER LEAKED DURING REMOVAL (Continued)**

**S109062206**

Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 4/24/2008  
Spill Record Last Update: 5/19/2008  
Spiller Name: ERT DESK  
Spiller Company: CON EDISON VEH.#60711  
Spiller Address: 4 IRVING PLACE  
Spiller City,St,Zip: MANHATTAN, NY 10003  
Spiller Company: 001  
Contact Name: ERT DESK' MIKE DAUGHTERY  
Contact Phone: (212) 580-8383  
DEC Memo: 05/19/08 - See eDocs for Con Ed report detailing cleanup and closure.211043. see eDocs  
Remarks: 3 ounces of material fell onto the sidewalk from a circuit breaker. clean up is in progress. Con Ed #211043.

Material:  
Site ID: 396859  
Operable Unit ID: 1153826  
Operable Unit: 01  
Material ID: 2144599  
Material Code: 0541A  
Material Name: DIELECTRIC FLUID  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**H63  
NW  
< 1/8  
0.105 mi.  
557 ft.**

**RESIDENCE  
381 GRAHAM AVE APT 2  
BROOKLYN, NY  
Site 4 of 4 in cluster H**

**NY Spills S109414525  
N/A**

**Relative:  
Lower**

**SPILLS:**  
Facility ID: 0811473  
Facility Type: ER  
DER Facility ID: 358302  
Site ID: 409049  
DEC Region: 2  
Spill Date: 1/19/2009  
Spill Number/Closed Date: 0811473 / 1/20/2009  
Spill Cause: Unknown  
Spill Class: Not reported  
SWIS: 2401  
Investigator: vszhune  
Referred To: Not reported  
Reported to Dept: 1/19/2009  
CID: Not reported

**Actual:  
30 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RESIDENCE (Continued)**

**S109414525**

Water Affected: Not reported  
 Spill Source: Unknown  
 Spill Notifier: Affected Persons  
 Cleanup Ceased: Not reported  
 Cleanup Meets Std: False  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 1/19/2009  
 Spill Record Last Update: 1/20/2009  
 Spiller Name: Not reported  
 Spiller Company: UNKNOWN  
 Spiller Address: Not reported  
 Spiller City,St,Zip: NY  
 Spiller Company: 999  
 Contact Name: SARAH SMALL  
 Contact Phone: (718) 609-5565  
 DEC Memo: 01/19/08- Zhune called Sarah Small (718)609-556. She said I noticed mercury in the toilet that she does not know where it come from. I told her what she have to do if spill less than two tablespoons which was her case. I also told her if spill is greater than one pond (Two tablespoons) you need to call (800) 424-8802 the National Response Center (NRC). it works 24 hours a day. 7 days a week.Spill Closed.

Remarks: Complainant noticed 20 small pieces of Mercury in her toilet bowl. When flush it comes back. Needs advice

Material:  
 Site ID: 409049  
 Operable Unit ID: 1165555  
 Operable Unit: 01  
 Material ID: 2156969  
 Material Code: 0031A  
 Material Name: MERCURY  
 Case No.: 07439976  
 Material FA: Hazardous Material  
 Quantity: Not reported  
 Units: Not reported  
 Recovered: Not reported  
 Resource Affected: Not reported  
 Oxygenate: False

Tank Test:

**I64  
 NE  
 < 1/8  
 0.110 mi.  
 580 ft.**

**SPILL NUMBER 0201573  
 236 SKILLMAN AVE  
 BROOKLYN, NY  
 Site 2 of 5 in cluster I**

**NY Spills S106003527  
 N/A**

**Relative:  
 Lower**

SPILLS:  
 Facility ID: 0201573  
 Facility Type: ER  
 DER Facility ID: 243289  
 Site ID: 300829  
 DEC Region: 2  
 Spill Date: 5/12/2002

**Actual:  
 33 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPILL NUMBER 0201573 (Continued)**

**S106003527**

Spill Number/Closed Date: 0201573 / 2/13/2003  
Spill Cause: Abandoned Drums  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: JBVOUGHT  
Referred To: Not reported  
Reported to Dept: 5/12/2002  
CID: 405  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Fire Department  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 5/12/2002  
Spill Record Last Update: 2/13/2003  
Spiller Name: Not reported  
Spiller Company: UNKNOWN  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller Company: 999  
Contact Name: FF FENDELMAN  
Contact Phone: (917) 769-0483  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was  
"VOUGHT"2/13/2003 - Closed Due To The Nature / Extent Of The Spill  
Report  
Remarks: CALLER STATES THEY WERE DISPATCHED TO 3 100 LBS PROPANE CILINDARS  
LEAKING IN THE STREET - ONLY ONE WAS FOUND TO BE LEAKING - NYFD ON  
SCENE  
Material:  
Site ID: 300829  
Operable Unit ID: 852546  
Operable Unit: 01  
Material ID: 522988  
Material Code: 2617A  
Material Name: PROPANE GAS  
Case No.: Not reported  
Material FA: Other  
Quantity: 50  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**J65**  
**WSW**  
**< 1/8**  
**0.111 mi.**  
**584 ft.**

**LOT 14,TAXBLOCK 2764**  
**710 METROPOLITAN AVENUE**  
**BROOKLYN, NY 11211**

**NY E DESIGNATION**

**S109942229**  
**N/A**

**Site 1 of 6 in cluster J**

**Relative:**  
**Lower**

**E DESIGNATION:**

**Actual:**  
**34 ft.**

Tax Lot(s):	14
E-No:	E-232
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP056K
Ulurp Number:	090334ZMK
Zoning Map No:	12c 13a 13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	497
Census Block:	3004
School District:	14
City Council District:	34
Fire Company:	E216
Health Area:	30
Police Precinct:	090
Zone District 1:	R6
Zone District 2:	Not reported
Commercial Overlay1:	C1-3
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C1-3/R6
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	BRICKNER, AVRAM
Lot Area:	000012400
Total Building Floor Area:	00000034500
Commercial Floor Area:	00000034500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000034500
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00002
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00004
Lot Frontage:	0124.67
Lot Depth:	0100.00
Building Frontage:	0050.00
Building Depth:	0097.00
Proximity Code:	3
Irregular Lot Code:	N
Lot Type:	5

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 14,TAXBLOCK 2764 (Continued)**

**S109942229**

Basement Type Grade: 5  
 Land Assessed Value: 00000098550  
 Total Assessed Value: 00000288000  
 Land Exempt Value: 00000000000  
 Total Exempt Value: 00000000000  
 Year Built: 1930  
 Year Built Code: Not reported  
 Year Altered1: 0000  
 Year Altered2: 0000  
 Historic District Name: Not reported  
 Landmark Name: Not reported  
 Built Floor Area Ratio-Far: 0002.78  
 Maximum Allowable Far: 02.43  
 Borough Code: 3  
 Borough Tax Block And Lot: 3027640014  
 Condominium Number: 00000  
 Census Tract 2: 0497  
 X Coordinate: 0999448  
 Y Coordinate: 0199484  
 Zoning Map: 13B  
 Sanborn Map: 304 023  
 Tax Map: 30906  
 E Designation No: Not reported  
 Date of RPAD Data: 11/2005  
 Date of DCAS Data: 01/2006  
 Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**K66**  
**SSW**  
**< 1/8**  
**0.118 mi.**  
**622 ft.**

**FRANK LOVISI**  
**308 GRAHAM AVE**  
**BROOKLYN, NY 11211**  
**Site 1 of 2 in cluster K**

**NY AST U003387635**  
**NY HIST AST N/A**

**Relative:**  
**Higher**

AST:  
 Region: STATE  
 DEC Region: 2  
 Site Status: Unregulated/Closed  
 Facility Id: 2-160180  
 Program Type: PBS  
 UTM X: 589221.57314999995  
 UTM Y: 4507417.1775599997  
 Expiration Date: 02/20/2009  
 Site Type: Apartment Building/Office Building

**Actual:**  
**40 ft.**

Affiliation Records:  
 Site Id: 5453  
 Affiliation Type: Facility Owner  
 Company Name: TANM IRREVOCABLE TRUST  
 Contact Type: Not reported  
 Contact Name: Not reported  
 Address1: 260 AINSLIE ST  
 Address2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FRANK LOVISI (Continued)**

**U003387635**

City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 388-1600  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 5453  
Affiliation Type: Mail Contact  
Company Name: AS TRUSTEE  
Contact Type: Not reported  
Contact Name: ANTHONY J. SARRO  
Address1: TANM IRREVOCABLE TRUST  
Address2: 260 AINSLIE STREET  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 388-1600  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 5453  
Affiliation Type: On-Site Operator  
Company Name: TANM IRREVOCABLE TRUST  
Contact Type: Not reported  
Contact Name: ANTHONY SARRO  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 388-1600  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 11/26/2008

Site Id: 5453  
Affiliation Type: Emergency Contact  
Company Name: TANM IRREVOCABLE TRUST  
Contact Type: Not reported  
Contact Name: ANTHONY SARRO  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 388-1600  
EMail: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FRANK LOVISI (Continued)**

**U003387635**

Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 11/26/2008

Tank Info:

Tank Number: 1  
Tank Id: 12317  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

K00 - Spill Prevention - None  
G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None  
E00 - Piping Secondary Containment - None  
C01 - Pipe Location - Aboveground  
B05 - Tank External Protection - Jacketed  
I04 - Overfill - Product Level Gauge (A/G)  
F00 - Pipe External Protection - None  
L09 - Piping Leak Detection - Exempt Suction Piping  
J02 - Dispenser - Suction Dispenser  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
A00 - Tank Internal Protection - None

Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 1500  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 01/09/2007  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 01/27/2009  
Material Name: #2 Fuel Oil (On-Site Consumption)

HIST AST:

PBS Number: 2-160180  
SWIS Code: 6101  
Operator: FRANK LOVISI  
Facility Phone: (516) 741-4873  
Facility Addr2: 308 GRAHAM AVE  
Facility Type: Not reported  
Emergency: FRANK LOVISI  
Emergency Tel: (516) 741-4873  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: FRANK LOVISI  
Owner Address: 701 FOCH BLV  
Owner City,St,Zip: WILLISTON PARK, NY 11596  
Federal ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FRANK LOVISI (Continued)**

**U003387635**

Owner Tel: (516) 741-4873  
Owner Type: Private Resident  
Owner Subtype: Not reported  
Mailing Contact: FRANK LOVISI  
Mailing Name: FRANK LOVISI  
Mailing Address: 701 FOCH BLV  
Mailing Address 2: Not reported  
Mailing City,St,Zip: WILLISTON PARK, NY 11596  
Mailing Telephone: (516) 741-4873  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False  
Certification Date: 07/08/1997  
Expiration: 07/10/2002  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 1500  
FAMT: True  
Facility Screen: Minor Data Missing  
Owner Screen: Minor Data Missing  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2

Tank ID: 001  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 1500  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Tank Containment: Other  
Leak Detection: 9  
Overfill Protection: 4  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: False  
SPDES Number: Not reported  
Lat/Long: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**L67**  
**SE**  
**< 1/8**  
**0.121 mi.**  
**638 ft.**

**SPILL NUMBER 0100018**  
**50 BUSHWICK AVE**  
**BROOKLYN, NY**  
**Site 1 of 2 in cluster L**

**NY Spills S104953799**  
**N/A**

**Relative:**  
**Higher**

**SPILLS:**

**Actual:**  
**41 ft.**

Facility ID: 0100016  
 Facility Type: ER  
 DER Facility ID: 206479  
 Site ID: 251983  
 DEC Region: 2  
 Spill Date: 4/2/2001  
 Spill Number/Closed Date: 0100016 / 4/2/2001  
 Spill Cause: Unknown  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 SWIS: 2401  
 Investigator: MXTIPPLE  
 Referred To: Not reported  
 Reported to Dept: 4/2/2001  
 CID: 403  
 Water Affected: Not reported  
 Spill Source: Unknown  
 Spill Notifier: Fire Department  
 Cleanup Ceased: Not reported  
 Cleanup Meets Std: False  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 4/2/2001  
 Spill Record Last Update: 5/12/2005  
 Spiller Name: Not reported  
 Spiller Company: CONTRACTOR  
 Spiller Address: Not reported  
 Spiller City,St,Zip: ZZ  
 Spiller Company: 001  
 Contact Name: NONE  
 Contact Phone: (000) 000-0000  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"Close and Cross reference to 0100018. FD reported twice.  
 Remarks: CONTRACTOR ON SCENE WAS DUMPING OIL DOWN DRAIN.

**Material:**

Site ID: 251983  
 Operable Unit ID: 837073  
 Operable Unit: 01  
 Material ID: 539291  
 Material Code: 0066A  
 Material Name: UNKNOWN PETROLEUM  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: 0  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not reported  
 Oxygenate: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPILL NUMBER 0100018 (Continued)**

**S104953799**

Tank Test:

Facility ID: 0100018  
Facility Type: ER  
DER Facility ID: 206479  
Site ID: 251984  
DEC Region: 2  
Spill Date: 4/2/2001  
Spill Number/Closed Date: 0100018 / 6/1/2004  
Spill Cause: Deliberate  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: MXTIPPLE  
Referred To: Not reported  
Reported to Dept: 4/2/2001  
CID: 207  
Water Affected: Not reported  
Spill Source: Private Dwelling  
Spill Notifier: Fire Department  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 4/2/2001  
Spill Record Last Update: 6/1/2004  
Spiller Name: Not reported  
Spiller Company: ANGEL MENDOZA  
Spiller Address: 65 BUSHWICK AVE  
Spiller City,St,Zip: BROOKLYN, NY 11211-001  
Spiller Company: 001  
Contact Name: FF JOHN HACK  
Contact Phone: (917) 769-0483  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"10:00 Spoke to FF Hack.Angel Mendoza (owner)was doing work on the above ground fuel oil tank in the basement of 50 Bushwick Avenue (3 story Apartment Bldg)The tank was intentionally pierced by the owner in order to clean the tank. Mr. Mendoza failed to plug the hole before his wife ordered 200 gallons of oil. The FDNY was able to plug the tank and contain 130 gallons in the tank, but 70 gallons was lost to the sump and eventually pumped into the sewer.The pump was removed from the drain by FDNY. AL Eastmond has been hired to perform the cleanup of sump and sewer (if possible). DEP has been notified that oil was pumped to their sewer. See also Spill 0100016. JMR7/20/03 letter sent requesting documentation6/1/04 A L Eastman conducted pumpout of recoverable oil and repairs on tank///nfa  
Remarks: req callback and response asap - party cut through tank to get rid of oil  
Material:  
Site ID: 251984  
Operable Unit ID: 837077  
Operable Unit: 01  
Material ID: 539293

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPILL NUMBER 0100018 (Continued)**

**S104953799**

Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 50  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**J68**  
**WSW**  
**< 1/8**  
**0.121 mi.**  
**639 ft.**

**LOT 13,TAXBLOCK 2764**  
**704 METROPOLITAN AVENUE**  
**BROOKLYN, NY 11211**  
**Site 2 of 6 in cluster J**

**NY E DESIGNATION** **S109942212**  
**N/A**

**Relative:**  
**Lower**

**E DESIGNATION:**  
Tax Lot(s): 13  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 497  
Census Block: 3004  
School District: 14  
City Council District: 34  
Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: F9  
Land Use Category: 06  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: BRICKNER REALTY CORP  
Lot Area: 000002500  
Total Building Floor Area: 00000002500  
Commercial Floor Area: 00000002500  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000

**Actual:**  
**34 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 13,TAXBLOCK 2764 (Continued)**

**S109942212**

Storage Floor Area: 00000000000  
Factory Floor Area: 00000002500  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00001  
Lot Frontage: 0025.00  
Lot Depth: 0100.00  
Building Frontage: 0025.00  
Building Depth: 0100.00  
Proximity Code: 3  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000022500  
Total Assessed Value: 00000042300  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1950  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.00  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027640013  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999376  
Y Coordinate: 0199475  
Zoning Map: 13B  
Sanborn Map: 304 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 13  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 13,TAXBLOCK 2764 (Continued)**

**S109942212**

Community District:	301
Census Tract:	497
Census Block:	3004
School District:	14
City Council District:	34
Fire Company:	E216
Health Area:	30
Police Precinct:	090
Zone District 1:	R6
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	R6
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	BRICKNER REALTY CORP
Lot Area:	000002500
Total Building Floor Area:	00000002500
Commercial Floor Area:	00000002500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000002500
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0100.00
Proximity Code:	3
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022500
Total Assessed Value:	00000042300
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1950
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.43
Borough Code:	3

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 13,TAXBLOCK 2764 (Continued)**

**S109942212**

Borough Tax Block And Lot: 3027640013  
Condominium Number: 00000  
Census Tract 2: 0497  
X Coordinate: 0999376  
Y Coordinate: 0199475  
Zoning Map: 13B  
Sanborn Map: 304 023  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**M69  
WNW  
< 1/8  
0.122 mi.  
645 ft.**

**145 SKILLMAN AVE  
BROOKLYN, NY 11211**

**EDR US Hist Auto Stat 1015230027  
N/A**

**Site 1 of 2 in cluster M**

**Relative:  
Lower**

EDR Historical Auto Stations:  
Name: J & G AUTO REPR  
Year: 2004  
Address: 145 SKILLMAN AVE

**Actual:  
29 ft.**

**I70  
NE  
< 1/8  
0.124 mi.  
653 ft.**

**LOT 25,TAXBLOCK 2893  
244 SKILLMAN AVENUE  
BROOKLYN, NY 11211**

**NY E DESIGNATION S109942376  
N/A**

**Site 3 of 5 in cluster I**

**Relative:  
Lower**

E DESIGNATION:  
Tax Lot(s): 25  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 301  
Census Tract: 477  
Census Block: 2007  
School District: 14  
City Council District: 34  
Fire Company: L146  
Health Area: 30  
Police Precinct: 094  
Zone District 1: R6  
Zone District 2: Not reported

**Actual:  
33 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 25,TAXBLOCK 2893 (Continued)**

**S109942376**

Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: E9  
Land Use Category: 06  
Number of Easements: 0  
Owner, Type of Code: P  
Owner Name: LA TEMPA, VINCENZA  
Lot Area: 000003120  
Total Building Floor Area: 00000000750  
Commercial Floor Area: 00000000750  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000750  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00001  
Lot Frontage: 0040.00  
Lot Depth: 0087.17  
Building Frontage: 0015.00  
Building Depth: 0050.00  
Proximity Code: 0  
Irregular Lot Code: Y  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000017550  
Total Assessed Value: 00000024300  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1920  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.24  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3028930025  
Condominium Number: 00000  
Census Tract 2: 0477  
X Coordinate: 1000602  
Y Coordinate: 0200187  
Zoning Map: 13A  
Sanborn Map: 309 023  
Tax Map: 31001  
E Designation No: Not reported  
Date of RPAD Data: 11/2005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 25,TAXBLOCK 2893 (Continued)**

**S109942376**

Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Tax Lot(s): 25  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 477  
Census Block: 2007  
School District: 14  
City Council District: 34  
Fire Company: L146  
Health Area: 30  
Police Precinct: 094  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: E9  
Land Use Category: 06  
Number of Easements: 0  
Owner, Type of Code: P  
Owner Name: LA TEMPA, VINCENZA  
Lot Area: 000003120  
Total Building Floor Area: 00000000750  
Commercial Floor Area: 00000000750  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000750  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00001  
Lot Frontage: 0040.00  
Lot Depth: 0087.17  
Building Frontage: 0015.00

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 25,TAXBLOCK 2893 (Continued)**

**S109942376**

Building Depth: 0050.00  
 Proximity Code: 0  
 Irregular Lot Code: Y  
 Lot Type: 5  
 Basement Type Grade: 5  
 Land Assessed Value: 00000017550  
 Total Assessed Value: 00000024300  
 Land Exempt Value: 00000000000  
 Total Exempt Value: 00000000000  
 Year Built: 1920  
 Year Built Code: Not reported  
 Year Altered1: 0000  
 Year Altered2: 0000  
 Historic District Name: Not reported  
 Landmark Name: Not reported  
 Built Floor Area Ratio-Far: 0000.24  
 Maximum Allowable Far: 02.43  
 Borough Code: 3  
 Borough Tax Block And Lot: 3028930025  
 Condominium Number: 00000  
 Census Tract 2: 0477  
 X Coordinate: 1000602  
 Y Coordinate: 0200187  
 Zoning Map: 13A  
 Sanborn Map: 309 023  
 Tax Map: 31001  
 E Designation No: Not reported  
 Date of RPAD Data: 11/2005  
 Date of DCAS Data: 01/2006  
 Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**I71  
 NE  
 < 1/8  
 0.124 mi.  
 653 ft.**

**SANITATION COMPANY  
 244 SKILLMAN AVE  
 BROOKLYN, NY**

**NY Spills S103939104  
 N/A**

**Site 4 of 5 in cluster I**

**Relative:  
 Lower**

**SPILLS:**

Facility ID: 9903762  
 Facility Type: ER  
 DER Facility ID: 221615  
 Site ID: 272280  
 DEC Region: 2  
 Spill Date: 7/1/1999  
 Spill Number/Closed Date: 9903762 / 7/6/1999  
 Spill Cause: Unknown  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)  
 SWIS: 2401  
 Investigator: MCTIBBE  
 Referred To: Not reported  
 Reported to Dept: 7/1/1999

**Actual:  
 33 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SANITATION COMPANY (Continued)**

**S103939104**

CID: 270  
Water Affected: Not reported  
Spill Source: Unknown  
Spill Notifier: Citizen  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 7/1/1999  
Spill Record Last Update: 3/3/2000  
Spiller Name: Not reported  
Spiller Company: SANITATION COMPANY  
Spiller Address: 244 SKILLMAN AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"7/1- 1:30PM CALLED KAMPIL SMELLS LIKE PAINT THINNER- GARBAGE TRUCKS ARE WASHED WITH CHEMICALS, NEIGHBOR SAID IT THE SMELL IS REALLY STRONG. WOULD LIKE SOMEONE TO LOOK AT THE PROPERTY.NO ODORS, SKILLMAN CONTRACTING CLAIMED NOT TO WASH TRUCKS ONSITE. CALLER DOES NOT WANT TO PURSUE FURTHER.

Remarks: caller states that there is a strong odor comingb from property caller would like a call back

Material:  
Site ID: 272280  
Operable Unit ID: 1082697  
Operable Unit: 01  
Material ID: 303665  
Material Code: 0064A  
Material Name: UNKNOWN MATERIAL  
Case No.: Not reported  
Material FA: Other  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

172  
NE  
< 1/8  
0.124 mi.  
653 ft.

**SKILL-MAN CONTRACTING INC.**  
**244 SKILLMAN AVENUE**  
**BROOKLYN, NY 11211**  
**Site 5 of 5 in cluster I**

**NY AST A100296053**  
**N/A**

**Relative:**  
**Lower**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-608653  
Program Type: PBS

**Actual:**  
**33 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SKILL-MAN CONTRACTING INC. (Continued)**

**A100296053**

UTM X: 589436.9179800003  
UTM Y: 4507794.0428900002  
Expiration Date: 03/20/2013  
Site Type: Trucking/Transportation/Fleet Operation

**Affiliation Records:**

Site Id: 30505  
Affiliation Type: Facility Owner  
Company Name: VINCENZA LATEMPA  
Contact Type: PRES  
Contact Name: VINCENZA  
Address1: 244 SKILLMAN AVE.  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 388-4600  
EMail: Not reported  
Fax Number: Not reported  
Modified By: msbaptis  
Date Last Modified: 2/7/2008

Site Id: 30505  
Affiliation Type: Mail Contact  
Company Name: SKILL-MAN CONTRACTING INC.  
Contact Type: Not reported  
Contact Name: VINCENZA LATEMPA  
Address1: 244 SKILLMAN AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 388-4600  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 30505  
Affiliation Type: On-Site Operator  
Company Name: SKILL-MAN CONTRACTING INC.  
Contact Type: Not reported  
Contact Name: VINCENZA LATEMPA  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 388-4600  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 30505

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SKILL-MAN CONTRACTING INC. (Continued)**

**A100296053**

Affiliation Type: Emergency Contact  
Company Name: VINCENZA LATEMPA  
Contact Type: Not reported  
Contact Name: VINCENZA LATEMPA  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 388-4600  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 1  
Tank Id: 65447  
Material Code: 0022  
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

H00 - Tank Leak Detection - None  
I00 - Overfill - None  
B00 - Tank External Protection - None  
A00 - Tank Internal Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
J00 - Dispenser - None

Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: 03/20/2003  
Capacity Gallons: 200  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: msbaptis  
Last Modified: 02/07/2008  
Material Name: Waste Oil/Used Oil

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**N73**  
**North**  
**< 1/8**  
**0.124 mi.**  
**653 ft.**

**419 HUMBOLDT ST**  
**419 HUMBOLDT ST**  
**BROOKLYN, NY**  
**Site 1 of 4 in cluster N**

**NY Spills S102142452**  
**N/A**

**Relative:**  
**Lower**

**SPILLS:**

**Actual:**  
**30 ft.**

Facility ID: 9109966  
 Facility Type: ER  
 DER Facility ID: 101535  
 Site ID: 116711  
 DEC Region: 2  
 Spill Date: 12/18/1991  
 Spill Number/Closed Date: 9109966 / 12/19/1991  
 Spill Cause: Human Error  
 Spill Class: Not reported  
 SWIS: 2401  
 Investigator: GELLER  
 Referred To: Not reported  
 Reported to Dept: 12/19/1991  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Source: Commercial/Industrial  
 Spill Notifier: Responsible Party  
 Cleanup Ceased: 12/19/1991  
 Cleanup Meets Std: True  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 1/6/1992  
 Spill Record Last Update: 1/6/1992  
 Spiller Name: Not reported  
 Spiller Company: WHALECO  
 Spiller Address: Not reported  
 Spiller City,St,Zip: ZZ  
 Spiller Company: 001  
 Contact Name: Not reported  
 Contact Phone: Not reported  
 DEC Memo: Not reported  
 Remarks: SORBENT APPLIED & PICKED UP.

**Material:**

Site ID: 116711  
 Operable Unit ID: 959973  
 Operable Unit: 01  
 Material ID: 418540  
 Material Code: 0001A  
 Material Name: #2 Fuel Oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: 1  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not reported  
 Oxygenate: False

Tank Test:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**O74**  
**East**  
**< 1/8**  
**0.124 mi.**  
**657 ft.**

**LEROS REALTY CORP**  
**850 METROPOLITAN AVE**  
**BROOKLYN, NY 11211**

**NY AST** **U003393652**  
**NY HIST AST** **N/A**

**Site 1 of 2 in cluster O**

**Relative:**  
**Lower**

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-340804  
Program Type: PBS  
UTM X: 589530.96427999996  
UTM Y: 4507600.0603200002  
Expiration Date: 10/14/2003  
Site Type: Manufacturing (Other than Chemical)/Processing

**Actual:**  
**35 ft.**

Affiliation Records:

Site Id: 16475  
Affiliation Type: Facility Owner  
Company Name: LEO GROSS  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 850 METROPOLITAN  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 782-8417  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 16475  
Affiliation Type: Mail Contact  
Company Name: LEO GROSS  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 850 METROPOLITAN  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 782-8417  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 16475  
Affiliation Type: On-Site Operator  
Company Name: LEROS REALTY CORP  
Contact Type: Not reported  
Contact Name: LEO GROSS  
Address1: Not reported  
Address2: Not reported  
City: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEROS REALTY CORP (Continued)**

**U003393652**

State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 782-8417  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 16475  
Affiliation Type: Emergency Contact  
Company Name: LEROS REALTY CORP  
Contact Type: Not reported  
Contact Name: LEO GROSS  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 782-8417  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001  
Tank Id: 31665  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None  
B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 3000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: TRANSLAT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEROS REALTY CORP (Continued)**

**U003393652**

Last Modified: 03/04/2004  
Material Name: #2 Fuel Oil (On-Site Consumption)

**HIST AST:**

PBS Number: 2-340804  
SWIS Code: 6101  
Operator: LEO GROSS  
Facility Phone: (718) 782-8417  
Facility Addr2: 850 METROPOLITAN AVE  
Facility Type: MANUFACTURING  
Emergency: LEO GROSS  
Emergency Tel: (718) 782-8417  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: LEO GROSS  
Owner Address: 850 METROPOLITAN  
Owner City,St,Zip: BROOKLYN, NY 11211  
Federal ID: Not reported  
Owner Tel: (718) 782-8417  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Contact: Not reported  
Mailing Name: LEO GROSS  
Mailing Address: 850 METROPOLITAN  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11211  
Mailing Telephone: (718) 782-8417  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Certification Flag: False  
Certification Date: 12/21/1998  
Expiration: 10/14/2003  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 3000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2  
  
Tank ID: 001  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 3000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LEROS REALTY CORP (Continued)**

**U003393652**

Tank Internal: Not reported  
 Tank External: Not reported  
 Pipe Location: Not reported  
 Pipe Type: STEEL/IRON  
 Pipe Internal: Not reported  
 Pipe External: Not reported  
 Tank Containment: None  
 Leak Detection: 0  
 Overfill Protection: 4  
 Dispenser Method: Suction  
 Date Tested: Not reported  
 Next Test Date: Not reported  
 Missing Data for Tank: Minor Data Missing  
 Date Closed: Not reported  
 Test Method: Not reported  
 Deleted: False  
 Updated: False  
 SPDES Number: Not reported  
 Lat/Long: Not reported

**P75**  
**NNW**  
**1/8-1/4**  
**0.134 mi.**  
**706 ft.**

**CON**  
**FRONT OF 161 JACKSON ST**  
**BROOKLYN, NY 11211**

**NY MANIFEST** **S116295928**  
**N/A**

**Site 1 of 3 in cluster P**

**Relative:**  
**Lower**

NY MANIFEST:  
 EPA ID: NYP004471900  
 Country: USA

**Actual:**  
**26 ft.**

Mailing Info:  
 Name: CON  
 Contact: CON EDISON  
 Address: 4 IRVING ST  
 Address 2: 15TH ST  
 City/State/Zip: NEW YORK, NY 10003  
 Country: USA  
 Phone: Not reported

Document ID: Not reported  
 Manifest Status: Not reported  
 Trans1 State ID: NJD003812047  
 Trans2 State ID: Not reported  
 Generator Ship Date: 2014-03-19  
 Trans1 Recv Date: 2014-03-19  
 Trans2 Recv Date: Not reported  
 TSD Site Recv Date: 2014-03-20  
 Part A Recv Date: Not reported  
 Part B Recv Date: Not reported  
 Generator EPA ID: NYP004471900  
 Trans1 EPA ID: Not reported  
 Trans2 EPA ID: Not reported  
 TSDF ID: NJD991291105  
 Waste Code: Not reported  
 Quantity: 120  
 Units: G - Gallons (liquids only)\* (8.3 pounds)  
 Number of Containers: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CON (Continued)**

**S116295928**

Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1  
Year: 2014  
Manifest Tracking Num: 002359189GBF  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H110

**Q76**  
**WSW**  
**1/8-1/4**  
**0.134 mi.**  
**710 ft.**

**CON EDISON**  
**FRONT OF 129 DEVOE ST**  
**BROOKLYN, NY 11211**

**NY MANIFEST S116294033**  
**N/A**

**Site 1 of 2 in cluster Q**

**Relative:**  
**Lower**

NY MANIFEST:  
EPA ID: NYP004452249  
Country: USA

**Actual:**  
**36 ft.**

Mailing Info:  
Name: CON EDISON  
Contact: CON EDISON  
Address: 4 IRVING ST  
Address 2: 15TH FL  
City/State/Zip: NEW YORK, NY 10003  
Country: USA  
Phone: Not reported

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD003812047  
Trans2 State ID: Not reported  
Generator Ship Date: 2014-02-26  
Trans1 Recv Date: 2014-02-26  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2014-02-26  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004452249  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD991291105  
Waste Code: Not reported  
Quantity: 100  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 1  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CON EDISON (Continued)

S116294033

Year: 2014  
Manifest Tracking Num: 002359013GBF  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H110

P77  
NW  
1/8-1/4  
0.137 mi.  
723 ft.

395 GRAHAM AVE  
BROOKLYN, NY 11211

Site 2 of 3 in cluster P

Relative:  
Lower  
Actual:  
26 ft.

EDR Historical Auto Stations:  
Name: SOBE AUTO REPAIR CORP  
Year: 2003  
Address: 395 GRAHAM AVE

EDR US Hist Auto Stat 1015465483  
N/A

J78  
West  
1/8-1/4  
0.138 mi.  
727 ft.

694 METROPOLITAN AVE  
BROOKLYN, NY 11211

Site 3 of 6 in cluster J

Relative:  
Lower  
Actual:  
33 ft.

EDR Historical Auto Stations:  
Name: AUTOMATIC THIRTEEN LLC  
Year: 2006  
Address: 694 METROPOLITAN AVE

EDR US Hist Auto Stat 1015602340  
N/A

P79  
NW  
1/8-1/4  
0.139 mi.  
733 ft.

400 GRAHAM AVE  
BROOKLYN, NY 11211

Site 3 of 3 in cluster P

Relative:  
Lower  
Actual:  
26 ft.

EDR Historical Cleaners:  
Name: BUBBLES SPA LAUNDROMAT  
Year: 1999  
Address: 400 GRAHAM AVE  
  
Name: BUBBLES SPA LAUNDROMAT  
Year: 2000  
Address: 400 GRAHAM AVE  
  
Name: BUBBLES SPA LAUNDROMAT  
Year: 2001  
Address: 400 GRAHAM AVE

EDR US Hist Cleaners 1015054382  
N/A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015054382

Name: BUBBLES SPA LAUNDROMAT  
Year: 2002  
Address: 400 GRAHAM AVE

Name: BUBBLE LAUNDROMAT  
Year: 2004  
Address: 400 GRAHAM AVE

Name: BUBBLE LAUNDROMAT  
Year: 2005  
Address: 400 GRAHAM AVE

Name: BUBBLE LAUNDROMAT  
Year: 2006  
Address: 400 GRAHAM AVE

Name: BUBBLE LAUNDROMAT  
Year: 2007  
Address: 400 GRAHAM AVE

Name: BUBBLE LAUNDROMAT  
Year: 2008  
Address: 400 GRAHAM AVE

Name: BUBBLE LAUNDROMAT  
Year: 2009  
Address: 400 GRAHAM AVE

Name: BUBBLE LAUNDROMAT  
Year: 2010  
Address: 400 GRAHAM AVE

Name: BUBBLE LAUNDROMAT  
Year: 2011  
Address: 400 GRAHAM AVE

Name: BUBBLE LAUNDROMAT  
Year: 2012  
Address: 400 GRAHAM AVE

R80  
NE  
1/8-1/4  
0.141 mi.  
743 ft.

253 SKILLMAN AVE  
BROOKLYN, NY 11211  
Site 1 of 2 in cluster R

EDR US Hist Auto Stat 1015366575  
N/A

Relative:  
Lower

EDR Historical Auto Stations:

Name: TWO BROTHERS AUTO SALES  
Year: 2006  
Address: 253 SKILLMAN AVE

Actual:  
33 ft.

Name: TWO BROTHERS AUTO SALES  
Year: 2007  
Address: 253 SKILLMAN AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

J81  
West  
1/8-1/4  
0.146 mi.  
769 ft.

**NYC DEPT OF ED - PUBLIC SCHOOL 132K**  
320 MANHATTAN AVE  
BROOKLYN, NY 11211

**RCRA NonGen / NLR**  
**NY MANIFEST**  
**NY Spills**

1004762107  
NYR000093609

Site 4 of 6 in cluster J

Relative:  
Lower

RCRA NonGen / NLR:

Actual:  
32 ft.

Date form received by agency: 01/23/2012  
Facility name: NYC DEPT OF ED - PUBLIC SCHOOL 132K  
Facility address: 320 MANHATTAN AVE  
BROOKLYN, NY 11211  
EPA ID: NYR000093609  
Mailing address: MANHATTAN AVE  
BROOKLYN, NY 11211  
Contact: ALEXANDER LEMPERS  
Contact address: THOMSON AVE  
LONG ISLAND CITY, NY 11101  
Contact country: US  
Contact telephone: (718) 472-8501  
Contact email: ALEMPERS@NYCSCA.ORG  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NYC DEPT OF SCHOOL FACILITIES  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Municipal  
Owner/Operator Type: Operator  
Owner/Op start date: 08/27/1965  
Owner/Op end date: Not reported

Owner/operator name: NYC DEPT OF EDUCATION  
Owner/operator address: THOMSON AVE  
LONG ISLAND CITY, NY 11101  
Owner/operator country: US  
Owner/operator telephone: (718) 472-8501  
Legal status: Municipal  
Owner/Operator Type: Owner  
Owner/Op start date: 08/27/1965  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYC DEPT OF ED - PUBLIC SCHOOL 132K (Continued)**

**1004762107**

Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/10/2011  
Site name: NYC DEPT OF ED - PUBLIC SCHOOL 132K  
Classification: Small Quantity Generator

Date form received by agency: 01/01/2007  
Site name: NYC BD OF ED - PUBLIC SCHOOL 132 K  
Classification: Not a generator, verified

Date form received by agency: 01/01/2006  
Site name: NYC BD OF ED - PUBLIC SCHOOL 132 K  
Classification: Not a generator, verified

Date form received by agency: 01/31/2001  
Site name: NYC BD OF ED - PUBLIC SCHOOL 132 K  
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D008  
Waste name: LEAD

Waste code: B007  
Waste name: B007

Violation Status: No violations found

NY MANIFEST:

EPA ID: NYR000093609  
Country: USA

Mailing Info:

Name: NYC BOARD OF EDUCATION  
Contact: NYC BOARD OF EDUCATION  
Address: 320 MANHATTAN AVE  
City/State/Zip: BROOKLYN, NY 11201  
Country: USA  
Phone: 718-617-0771

Document ID: NYB9515043  
Manifest Status: Not reported  
Trans1 State ID: NY0000291823  
Trans2 State ID: PAD146714878  
Generator Ship Date: 05/09/2001  
Trans1 Recv Date: 05/09/2001  
Trans2 Recv Date: 05/10/2001  
TSD Site Recv Date: 05/11/2001  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000093609  
Trans1 EPA ID: NYD049836679  
Trans2 EPA ID: Not reported  
TSD ID: 1A375

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NYC DEPT OF ED - PUBLIC SCHOOL 132K (Continued)

1004762107

Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 01500  
Units: P - Pounds  
Number of Containers: 003  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2001

SPILLS:

Facility ID: 0713068  
Facility Type: ER  
DER Facility ID: 344317  
Site ID: 394766  
DEC Region: 2  
Spill Date: 3/11/2008  
Spill Number/Closed Date: 0713068 / 3/12/2008  
Spill Cause: Unknown  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: jbvought  
Referred To: Not reported  
Reported to Dept: 3/11/2008  
CID: 72  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Local Agency  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 3/11/2008  
Spill Record Last Update: 3/14/2008  
Spiller Name: Not reported  
Spiller Company: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ - 001  
Contact Name: MUNANDRA - NYC BOARD OF E  
Contact Phone: (314) 219-7840  
DEC Memo: Jeff Vought visited the site03/12/08-Vought-Daytime runner and site visit by Vought. Onsite were Petroleum Tank Cleaners(718-624-4842) and also Mr. Munendre Sharma(Bd. of Ed 718-349-5752). Spill caused by overfill which caused #2 fuel to run across sidewalk, down curb and into catch basin. PTC onsite with vacuum truck washing sidewalk and will also recover fuel from catch basin. Small five gallon spill also inside tank room from top of tanks and PTC will also place down speedy dry and wash affected area. Tank room floor composed of poured concrete with good epoxy seal. No odor complaints from faculty or students to date as per Sharma. Spill closed by Vought due to no impact to soil and or groundwater and cleanup by PTC.03/14/08-Vought-Received call form Sharma who confirmed that tank room was cleaned and powerwashed. Catch basin was also cleaned and spill remains closed by Vought.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYC DEPT OF ED - PUBLIC SCHOOL 132K (Continued)**

**1004762107**

Remarks: Cleanup in progress.

Material:  
Site ID: 394766  
Operable Unit ID: 1151713  
Operable Unit: 01  
Material ID: 2142461  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 100  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**J82**  
**West**  
**1/8-1/4**  
**0.146 mi.**  
**769 ft.**

**PUBLIC SCHOOL 132 - BROOKLYN K132**  
**320 MANHATTAN AVENUE**  
**BROOKLYN, NY 11211**

**NY AST U003393721**  
**N/A**

**Site 5 of 6 in cluster J**

**Relative:**  
**Lower**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-342289  
Program Type: PBS  
UTM X: 589050.66581999999  
UTM Y: 4507596.3224299997  
Expiration Date: 01/27/2019  
Site Type: School

**Actual:**  
**32 ft.**

Affiliation Records:  
Site Id: 16603  
Affiliation Type: Facility Owner  
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION  
Contact Type: MGR  
Contact Name: MUNENDRA SHARMA  
Address1: 44-36 VERNON BOULEVARD  
Address2: Not reported  
City: LONG ISLAND CITY  
State: NY  
Zip Code: 11101  
Country Code: 001  
Phone: (718) 349-5752  
EMail: JMERLO@SCHOOLS.NYC.GOV  
Fax Number: Not reported  
Modified By: GDBREEN  
Date Last Modified: 6/25/2014

Site Id: 16603  
Affiliation Type: Mail Contact  
Company Name: NYC DEPT. OF EDUCATION

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PUBLIC SCHOOL 132 - BROOKLYN K132 (Continued)**

**U003393721**

Contact Type: Not reported  
Contact Name: MUNENDRA SHARMA  
Address1: FIELD OPERATIONS - FUEL DIV.  
Address2: 44-36 VERNON BOULEVARD  
City: LONG ISLAND CITY  
State: NY  
Zip Code: 11101  
Country Code: 001  
Phone: (718) 349-5752  
EMail: MSHARMA@SCHOOLS.NYC.GOV  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 6/11/2014

Site Id: 16603  
Affiliation Type: On-Site Operator  
Company Name: PUBLIC SCHOOL 132 - BROOKLYN K132  
Contact Type: Not reported  
Contact Name: N/A  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 349-5400  
EMail: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 1/29/2014

Site Id: 16603  
Affiliation Type: Emergency Contact  
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION  
Contact Type: Not reported  
Contact Name: SCHOOL SAFETY  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 935-3300  
EMail: Not reported  
Fax Number: Not reported  
Modified By: GDBREEN  
Date Last Modified: 6/30/2014

Tank Info:

Tank Number: 001  
Tank Id: 32039  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PUBLIC SCHOOL 132 - BROOKLYN K132 (Continued)**

**U003393721**

B01 - Tank External Protection - Painted/Asphalt Coating  
I04 - Overfill - Product Level Gauge (A/G)  
K00 - Spill Prevention - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
G01 - Tank Secondary Containment - Diking (Aboveground)  
J02 - Dispenser - Suction Dispenser  
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)  
L00 - Piping Leak Detection - None  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
C01 - Pipe Location - Aboveground  
E00 - Piping Secondary Containment - None  
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: 10/01/1993  
Capacity Gallons: 5000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: MSBAPTIS  
Last Modified: 01/29/2014  
Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: 002  
Tank Id: 249456

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating  
I04 - Overfill - Product Level Gauge (A/G)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
G01 - Tank Secondary Containment - Diking (Aboveground)  
J02 - Dispenser - Suction Dispenser  
K00 - Spill Prevention - None  
E12 - Piping Secondary Containment - Double-Wall (Aboveground)  
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)  
C01 - Pipe Location - Aboveground  
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: 08/03/2005  
Capacity Gallons: 275  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PUBLIC SCHOOL 132 - BROOKLYN K132 (Continued)**

**U003393721**

Register: True  
Modified By: MSBAPTIS  
Last Modified: 01/29/2014  
Material Name: Diesel

Tank Number: 003  
Tank Id: 249457

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
C01 - Pipe Location - Aboveground  
E00 - Piping Secondary Containment - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
K00 - Spill Prevention - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
G01 - Tank Secondary Containment - Diking (Aboveground)  
J02 - Dispenser - Suction Dispenser  
B01 - Tank External Protection - Painted/Asphalt Coating  
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)  
L00 - Piping Leak Detection - None

Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: 08/03/2005  
Capacity Gallons: 50  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: MSBAPTIS  
Last Modified: 01/29/2014  
Material Name: Diesel

**J83**  
**West**  
**1/8-1/4**  
**0.149 mi.**  
**787 ft.**

**685 METROPOLITAN AVE**  
**BROOKLYN, NY 11211**  
**Site 6 of 6 in cluster J**

**EDR US Hist Cleaners 1015087300**  
**N/A**

**Relative:**  
**Lower**

EDR Historical Cleaners:  
Name: MARTINI CLEANERS  
Year: 2005  
Address: 685 METROPOLITAN AVE

**Actual:**  
**33 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K84**      **GLOVEMAN REALTY CORP**  
**SSW**      **294 GRAHAM AVENUE**  
**1/8-1/4**    **BROOKLYN, NY 11211**  
**0.159 mi.**  
**840 ft.**    **Site 2 of 2 in cluster K**

**NY UST**    **U000403889**  
**NY HIST UST**    **N/A**

**Relative:**  
**Higher**

UST:  
Id/Status:                    2-329800 / Active  
Program Type:                PBS  
Region:                        STATE  
DEC Region:                  2  
Expiration Date:              02/03/2008  
UTM X:                         589232.60352  
UTM Y:                         4507340.8432400003  
Site Type:                     Other

**Actual:**  
**39 ft.**

Affiliation Records:  
Site Id:                        15506  
Affiliation Type:              Facility Owner  
Company Name:                GLOVEMAN REALTY CORP  
Contact Type:                 Not reported  
Contact Name:                 Not reported  
Address1:                      294 GRAHAM AVE  
Address2:                      Not reported  
City:                            BROOKLYN  
State:                            NY  
Zip Code:                      11211  
Country Code:                 001  
Phone:                         (718) 387-3740  
EMail:                         Not reported  
Fax Number:                    Not reported  
Modified By:                    TRANSLAT  
Date Last Modified:         3/4/2004

Site Id:                        15506  
Affiliation Type:              Mail Contact  
Company Name:                GLOVEMAN REALTY CORP  
Contact Type:                 Not reported  
Contact Name:                 C. GERBER  
Address1:                      294 GRAHAM AVENUE  
Address2:                      Not reported  
City:                            BROOKLYN  
State:                            NY  
Zip Code:                      11211  
Country Code:                 001  
Phone:                         (718) 387-3740  
EMail:                         Not reported  
Fax Number:                    Not reported  
Modified By:                    TRANSLAT  
Date Last Modified:         3/4/2004

Site Id:                        15506  
Affiliation Type:              On-Site Operator  
Company Name:                GLOVEMAN REALTY CORP  
Contact Type:                 Not reported  
Contact Name:                 ALLAN GERBER  
Address1:                      Not reported  
Address2:                      Not reported  
City:                            Not reported  
State:                            NN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOVEMAN REALTY CORP (Continued)**

**U000403889**

Zip Code: Not reported  
Country Code: 001  
Phone: (718) 387-3740  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 15506  
Affiliation Type: Emergency Contact  
Company Name: GLOVEMAN REALTY CORP  
Contact Type: Not reported  
Contact Name: CHESTER GERBER  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (516) 482-8745  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001  
Tank ID: 20185  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 3000  
Install Date: Not reported  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0002  
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21  
Date Test: 09/21/2004  
Next Test Date: 09/21/2009  
Pipe Model: Not reported  
Modified By: EXROSSAN  
Last Modified: 10/18/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground  
B00 - Tank External Protection - None  
I00 - Overfill - None  
H00 - Tank Leak Detection - None  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
J02 - Dispenser - Suction Dispenser

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOVEMAN REALTY CORP (Continued)**

**U000403889**

L09 - Piping Leak Detection - Exempt Suction Piping

HIST UST:

PBS Number: 2-329800  
SPDES Number: Not reported  
Emergency Contact: CHESTER GERBER  
Emergency Telephone: (516) 482-8745  
Operator: ALLAN GERBER  
Operator Telephone: (718) 387-3740  
Owner Name: GLOVEMAN REALTY CORP  
Owner Address: 294 GRAHAM AVE  
Owner City,St,Zip: BKLYN, NY 11211  
Owner Telephone: (718) 387-3740  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Name: GLOVEMAN REALTY CORP  
Mailing Address: 294 GRAHAM AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BKLYN, NY 11211  
Mailing Contact: C. GERBER  
Mailing Telephone: (718) 387-3740  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
Facility Addr2: 294 GRAHAM AVE  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: MANUFACTURING  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: 01/12/2000  
Expiration Date: 02/03/2003  
Renew Flag: False  
Renewal Date: Not reported  
Total Capacity: 3000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2  
  
Tank Id: 001  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (gals): 3000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOVEMAN REALTY CORP (Continued)**

**U000403889**

Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Underground  
Pipe Type: Not reported  
Pipe Internal: Not reported  
Pipe External: Not reported  
Second Containment: None  
Leak Detection: None  
Overfill Prot: Not reported  
Dispenser: Suction  
Date Tested: 11/01/1999  
Next Test Date: 11/01/2004  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Horner EZ Check  
Deleted: False  
Updated: True  
Lat/long: Not reported

**M85  
NW  
1/8-1/4  
0.159 mi.  
842 ft.**

**CON ED  
FO 142 JACKSON ST  
BROOKLYN, NY 11211**

**NY MANIFEST S116292434  
N/A**

**Site 2 of 2 in cluster M**

**Relative:  
Lower**

NY MANIFEST:  
EPA ID: NYP004435269  
Country: USA

**Actual:  
24 ft.**

Mailing Info:  
Name: CON ED  
Contact: TOM TEELING  
Address: 4 IRVING PLACE - 15TH FLOOR  
City/State/Zip: NEW YORK, NY 10003  
Country: USA  
Phone: 212-460-3770

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJ0000027193  
Trans2 State ID: Not reported  
Generator Ship Date: 2014-02-06  
Trans1 Recv Date: 2014-02-06  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2014-02-06  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004435269  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD002200046  
Waste Code: Not reported  
Quantity: 100  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 1  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CON ED (Continued)

S116292434

Specific Gravity: 1  
Year: 2014  
Manifest Tracking Num: 011697927JJK  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H110

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJ0000027193  
Trans2 State ID: Not reported  
Generator Ship Date: 2014-02-06  
Trans1 Recv Date: 2014-02-06  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2014-02-06  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004435269  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD002200046  
Waste Code: Not reported  
Quantity: 100  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 1  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1  
Year: 2014  
Manifest Tracking Num: 011697927JJK  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H110

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**L86**  
**SE**  
**1/8-1/4**  
**0.163 mi.**  
**859 ft.**

**70 BUSHWICK AVE**  
**BROOKLYN, NY 11211**

**EDR US Hist Auto Stat**    **1015604146**  
**N/A**

**Site 2 of 2 in cluster L**

**Relative:**  
**Higher**

EDR Historical Auto Stations:

Name: D & L TIRE SHOP  
Year: 2001  
Address: 70 BUSHWICK AVE

**Actual:**  
**43 ft.**

Name: D & L TIRE SHOP  
Year: 2002  
Address: 70 BUSHWICK AVE

Name: D & L TIRE SHOP  
Year: 2005  
Address: 70 BUSHWICK AVE

**S87**  
**West**  
**1/8-1/4**  
**0.163 mi.**  
**863 ft.**

**PACOGON CORP**  
**677 METROPOLITAN AVE**  
**BROOKLYN, NY 11211**

**NY AST**    **U003387336**  
**NY HIST AST**    **N/A**  
**NY Spills**

**Site 1 of 2 in cluster S**

**Relative:**  
**Lower**

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-250953  
Program Type: PBS  
UTM X: 589024.31357  
UTM Y: 4507558.0783399995  
Expiration Date: 03/05/2018  
Site Type: Apartment Building/Office Building

**Actual:**  
**33 ft.**

Affiliation Records:

Site Id: 10044  
Affiliation Type: Mail Contact  
Company Name: GRIFFIN BUILDING CORP.  
Contact Type: PRESIDENT  
Contact Name: HECTOR M. CASTELL  
Address1: 5 BECHSTEIN DR.  
Address2: Not reported  
City: MATAWAN-ABERDEEN  
State: NJ  
Zip Code: 07747  
Country Code: 001  
Phone: (347) 286-2684  
EMail: HGIDO@VIPTAXSC.COM  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 4/3/2013

Site Id: 10044  
Affiliation Type: On-Site Operator  
Company Name: GRIFFIN BUILDING CORP.  
Contact Type: Not reported  
Contact Name: GRIFFIN BUILDING CORP.  
Address1: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACOGON CORP (Continued)**

**U003387336**

Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 388-5977  
EMail: Not reported  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 4/3/2013

Site Id: 10044  
Affiliation Type: Emergency Contact  
Company Name: GRIFFIN BUILDING CORP.  
Contact Type: Not reported  
Contact Name: GRIFFIN BUILDING CORP.  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 388-5977  
EMail: Not reported  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 2/14/2011

Site Id: 10044  
Affiliation Type: Facility Owner  
Company Name: GRIFFIN BUILDING CORP.  
Contact Type: PRESIDENT  
Contact Name: HECTOR M. CASTELL  
Address1: 5 BECHSTEIN DR.  
Address2: Not reported  
City: MATAWAN-ABERDEEN  
State: NJ  
Zip Code: 07747  
Country Code: 001  
Phone: (347) 286-2684  
EMail: HGIDO@VIPTAXSC.COM  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 4/3/2013

**Tank Info:**

Tank Number: 001  
Tank Id: 11722  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

**Equipment Records:**

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACOGON CORP (Continued)**

**U003387336**

K01 - Spill Prevention - Catch Basin  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping  
H05 - Tank Leak Detection - In-Tank System (ATG)  
B00 - Tank External Protection - None  
E01 - Piping Secondary Containment - Diking (Aboveground)  
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: 01/01/1931  
Capacity Gallons: 4000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: KAKYER  
Last Modified: 04/03/2013  
Material Name: #2 Fuel Oil (On-Site Consumption)

**HIST AST:**

PBS Number: 2-250953  
SWIS Code: 6101  
Operator: PACOGON CORP  
Facility Phone: (718) 439-8326  
Facility Addr2: 677 METROPOLITAN AVE  
Facility Type: APARTMENT BUILDING  
Emergency: PACOGON CORP  
Emergency Tel: (718) 439-8326  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: PACOGON CORP  
Owner Address: 332-54 ST  
Owner City,St,Zip: BROOKLYN, NY 11220  
Federal ID: Not reported  
Owner Tel: (718) 439-8326  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Contact: HECTORE GOUZALEZ  
Mailing Name: PACOGON CORP  
Mailing Address: 332-54 ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11220  
Mailing Telephone: (718) 439-8326  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
Certification Flag: False  
Certification Date: 07/25/1997  
Expiration: 07/07/2002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACOGON CORP (Continued)**

**U003387336**

Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 4000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: Minor Data Missing  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2

Tank ID: 001  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 4000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Tank Containment: Diking  
Leak Detection: 4  
Overfill Protection: 4  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: False  
SPDES Number: Not reported  
Lat/Long: Not reported

**SPILLS:**

Facility ID: 9308021  
Facility Type: ER  
DER Facility ID: 162632  
Site ID: 195185  
DEC Region: 2  
Spill Date: 10/1/1993  
Spill Number/Closed Date: 9308021 / 10/1/1993  
Spill Cause: Human Error  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.

SWIS: 2401  
Investigator: CAMMISA  
Referred To: Not reported  
Reported to Dept: 10/1/1993  
CID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACOGON CORP (Continued)**

**U003387336**

Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: 10/1/1993  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 10/4/1993  
Spill Record Last Update: 9/30/2004  
Spiller Name: Not reported  
Spiller Company: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: \*\*\*Update\*\*\*, ZZ  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Not reported  
Remarks: SPILL ON CONCRETE AT VENT - METRO CREW DOING CLEAN UP - POSSIBLE OVER ORDERED.

Material:

Site ID: 195185  
Operable Unit ID: 989392  
Operable Unit: 01  
Material ID: 394265  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 20  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**O88**  
**East**  
**1/8-1/4**  
**0.166 mi.**  
**879 ft.**

**880 METROPOLITAN AVE**  
**BROOKLYN, NY 11211**  
**Site 2 of 2 in cluster O**

**EDR US Hist Auto Stat 1015661862**  
**N/A**

**Relative:**  
**Lower**

EDR Historical Auto Stations:

Name: CITY TRUCK REPAIR INCORPORATED  
Year: 1999  
Address: 880 METROPOLITAN AVE

**Actual:**  
**31 ft.**

Name: CITY TRUCK REPAIR INCORPORATED  
Year: 2000  
Address: 880 METROPOLITAN AVE

Name: CITY TRUCK REPAIR INC  
Year: 2001  
Address: 880 METROPOLITAN AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015661862

Name: CITY TRUCK REPAIR INC  
Year: 2002  
Address: 880 METROPOLITAN AVE

Name: CITY TRUCK REPAIR INC  
Year: 2003  
Address: 880 METROPOLITAN AVE

Name: CITY TRUCK REPAIR INC  
Year: 2007  
Address: 880 METROPOLITAN AVE

Name: CITY TRUCK REPAIR INC  
Year: 2008  
Address: 880 METROPOLITAN AVE

Name: CITY TRUCK REPAIR INC  
Year: 2009  
Address: 880 METROPOLITAN AVE

Q89  
SW  
1/8-1/4  
0.166 mi.  
879 ft.

CONSYLEA ST. ASSOCIATION  
211 AINSLEE STREET  
BROOKLYN, NY 11211

NY UST U003241863  
N/A

Site 2 of 2 in cluster Q

Relative:  
Lower

UST:  
Id/Status: 2-603138 / Unregulated/Closed  
Program Type: PBS  
Region: STATE  
DEC Region: 2  
Expiration Date: 10/03/2007  
UTM X: 589086.97222999996  
UTM Y: 4507404.7149799997  
Site Type: Other

Actual:  
37 ft.

Affiliation Records:  
Site Id: 25090  
Affiliation Type: Facility Owner  
Company Name: AINSLEE STREET L.L.C.  
Contact Type: MANAGING MEMBER  
Contact Name: ROBERT FIDUCCIA  
Address1: 451 BELL STREET  
Address2: Not reported  
City: WEST HEMPSTEAD  
State: NY  
Zip Code: 11552  
Country Code: 001  
Phone: (516) 489-3598  
EMail: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 12/8/2005

Site Id: 25090  
Affiliation Type: Mail Contact  
Company Name: AINSLEE STREET L.L.C.  
Contact Type: MANAGING MEMBER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSYLEA ST. ASSOCIATION (Continued)**

**U003241863**

Contact Name: ROBERT FIDUCCIA  
Address1: 451 BELL STREET  
Address2: Not reported  
City: WEST HEMPSTEAD  
State: NY  
Zip Code: 11552  
Country Code: 001  
Phone: (516) 489-3598  
EMail: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 12/8/2005

Site Id: 25090  
Affiliation Type: On-Site Operator  
Company Name: CONSYLEA ST. ASSOCIATION  
Contact Type: Not reported  
Contact Name: TOM GUIDICE  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 963-3793  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 25090  
Affiliation Type: Emergency Contact  
Company Name: AINSLEE STREET L.L.C.  
Contact Type: Not reported  
Contact Name: ROBERT FIDUCCIA  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 726-5680  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001  
Tank ID: 53201  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 6000  
Install Date: 12/01/1984  
Date Tank Closed: 10/01/2002  
Registered: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSYLEA ST. ASSOCIATION (Continued)**

**U003241863**

Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21  
Date Test: 03/30/2001  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: KXTANG  
Last Modified: 12/08/2005

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping  
C02 - Pipe Location - Underground/On-ground  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
I00 - Overfill - None  
B00 - Tank External Protection - None  
K00 - Spill Prevention - None  
E00 - Piping Secondary Containment - None  
H00 - Tank Leak Detection - None

**90  
NW  
1/8-1/4  
0.167 mi.  
884 ft.**

**GLOSS-FLO CORPORATION  
JACKSON ST  
BROOKLYN, NY 11211**

**RCRA-LQG 1000385918  
NY CBS UST NYD001231661  
NY MANIFEST  
NY CBS**

**Relative:  
Lower**

RCRA-LQG:

Date form received by agency: 01/01/2007  
Facility name: GLOSS-FLO CORPORATION  
Facility address: JACKSON ST  
BROOKLYN, NY 11211

**Actual:  
23 ft.**

EPA ID: NYD001231661  
Contact: JEFFREY J KLEIN  
Contact address: JACKSON ST  
BROOKLYN, NY 11211

Contact country: US  
Contact telephone: (718) 389-8800  
Contact email: JKLEIN@NYC.RR.COM

EPA Region: 02  
Land type: Private  
Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: GLOSS-FLO CORPORATION  
Owner/operator address: JACKSON ST  
BROOKLYN, NY 11211  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 05/01/1958  
Owner/Op end date: Not reported

Owner/operator name: GLOSS-FLO CORPORATION  
Owner/operator address: JACKSON ST  
BROOKLYN, NY 11211  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 05/01/1958  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Site name: GLOSS-FLO CORPORATION  
Classification: Large Quantity Generator

Date form received by agency: 01/15/2004  
Site name: GLOSS-FLO CORPORATION  
Classification: Large Quantity Generator

Date form received by agency: 02/06/2002  
Site name: GLOSS-FLO CORPORATION  
Classification: Large Quantity Generator

Date form received by agency: 01/01/2001  
Site name: GLOSS-FLO CORPORATION  
Classification: Large Quantity Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

Date form received by agency: 07/14/1999  
Site name: GLOSS-FLO CORP  
Classification: Small Quantity Generator

Date form received by agency: 05/28/1996  
Site name: GLOSS-FLO CORPORATION  
Classification: Large Quantity Generator

Date form received by agency: 05/10/1994  
Site name: GLOSS-FLO  
Classification: Large Quantity Generator

Date form received by agency: 11/19/1980  
Site name: GLOSS-FLO CORP  
Classification: Not a generator, verified

Date form received by agency: 09/19/1980  
Site name: GLOSS-FLO CORP  
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: Generators - Records/Reporting  
Date violation determined: 05/01/1998  
Date achieved compliance: 05/17/1999  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 09/28/1998  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: 39600  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 05/01/1998  
Date achieved compliance: 05/17/1999  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 05/17/1999  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: 500  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - Records/Reporting  
Date violation determined: 05/01/1998  
Date achieved compliance: 05/17/1999  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 05/17/1999  
Enf. disposition status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: 500  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 05/01/1998  
Date achieved compliance: 05/17/1999  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 09/28/1998  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: 39600  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 03/28/1985  
Date achieved compliance: 02/10/1986  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 11/08/1985  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

**Evaluation Action Summary:**

Evaluation date: 03/28/2006  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 05/01/1998  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Records/Reporting  
Date achieved compliance: 05/17/1999  
Evaluation lead agency: EPA

Evaluation date: 05/01/1998  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 05/17/1999  
Evaluation lead agency: EPA

Evaluation date: 04/04/1985  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

Evaluation lead agency: State

Evaluation date: 03/28/1985  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Evaluation date: 03/28/1985  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 02/10/1986  
Evaluation lead agency: State

**CBS UST:**

**Detail As of 1/1/2012:**

Id/Status: 2-000171 / CLOSED IN PLACE  
Facility Type: MANUFACTURING  
Facility Tel: (718) 389-8800  
Total Tanks: 0  
Region: STATE  
ICS No: 2-126541  
PBS No: 2-047465  
MOSF No: Not reported  
SPDES No: Not reported  
Town: NEW YORK CITY  
Operator: GLOSS-FLO CORP.  
Emergency Contact: JEFFREY KLEIN  
Emergency Contact Phone: (516) 883-6237  
Certification Date: 10/22/1997  
Expiration Date: 08/30/1999  
Owner Name: GLOSS-FLO CORP.  
Owner Address: 135 JACKSON ST.  
Owner City,St,Zip: BROOKLYN, NY 11211  
Owner Phone: (718) 389-8800  
Owner Type: 5  
Owner Subtype: Not reported  
Mail To Name: GLOSS-FLO CORP.  
Mail To Contact: JEFFREY KLEIN  
Mail To Address: 135 JACKSON ST.  
Mail To Address 2: Not reported  
Mail To City,St,Zip: BROOKLYN, NY 11211  
Mail To Telephone: (718) 389-8800

Tank Number: 001  
Date Entered: 08/30/1989  
Capacity: 1500  
Chemical: Toluene  
Tank Closed: 10/98  
Tank Status: Temporarily Out Of Service  
Tank Type: Steel/carbon steel  
Install Date: 06/58  
CAS No: 108883  
Substance: Single Hazardous Substance on DEC List  
Tank Location: Outdoors, Belowground  
Tank Internal: None  
Tank External: PAINTED/ASPHALT COATING

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

Pipe Location: Aboveground/Underground Combination  
Pipe Internal: None  
Pipe External: None  
Leak Detection: None  
Secondary Containment: Excavation Liner  
Overfill Protection: None  
Haz Percent: 100  
Pipe Containment: None  
Pipe Type: STEEL/IRON  
Tank Error Status: No Missing Data  
Tank Secret: False  
Date Entered: 08:59:34  
Last Test: Not reported  
Due Date: Not reported  
SWIS Code: 6101  
Cert Flag: False  
Is it There: False  
Is Updated: False  
Owners Mark: First Owner  
Lat/Long: 40|43|00 / 73|56|30  
Renew Date: 09/27/93  
Deliquent: False  
Total Capacity: 0  
Date Expired: 08/30/95  
Case No: Not reported  
Federal Amt: True  
Pipe Flag: False  
Reserve Flag: True

Tank Number: 003  
Date Entered: 08/30/1989  
Capacity: 1500  
Chemical: Methanol  
Tank Closed: 10/98  
Tank Status: Temporarily Out Of Service  
Tank Type: Steel/carbon steel  
Install Date: 06/58  
CAS No: 67561  
Substance: Single Hazardous Substance on DEC List  
Tank Location: Outdoors, Belowground  
Tank Internal: None  
Tank External: PAINTED/ASPHALT COATING  
Pipe Location: Aboveground/Underground Combination  
Pipe Internal: None  
Pipe External: None  
Leak Detection: None  
Secondary Containment: Excavation Liner  
Overfill Protection: None  
Haz Percent: 100  
Pipe Containment: None  
Pipe Type: STEEL/IRON  
Tank Error Status: No Missing Data  
Tank Secret: False  
Date Entered: 09:00:00  
Last Test: Not reported  
Due Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

SWIS Code: 6101  
Cert Flag: False  
Is it There: False  
Is Updated: False  
Owners Mark: First Owner  
Lat/Long: 40|43|00 / 73|56|30  
Renew Date: 09/27/93  
Deliquent: False  
Total Capacity: 0  
Date Expired: 08/30/95  
Case No: Not reported  
Federal Amt: True  
Pipe Flag: False  
Reserve Flag: True

Tank Number: 004  
Date Entered: 08/30/1989  
Capacity: 1500  
Chemical: 2-Propanone  
Tank Closed: 10/98  
Tank Status: Temporarily Out Of Service  
Tank Type: Steel/carbon steel  
Install Date: 06/58  
CAS No: 67641  
Substance: Single Hazardous Substance on DEC List  
Tank Location: Outdoors, Belowground  
Tank Internal: None  
Tank External: PAINTED/ASPHALT COATING  
Pipe Location: Aboveground/Underground Combination  
Pipe Internal: None  
Pipe External: None  
Leak Detection: None  
Secondary Containment: Excavation Liner  
Overfill Protection: None  
Haz Percent: 100  
Pipe Containment: None  
Pipe Type: STEEL/IRON  
Tank Error Status: No Missing Data  
Tank Secret: False  
Date Entered: 09:00:24  
Last Test: Not reported  
Due Date: Not reported  
SWIS Code: 6101  
Cert Flag: False  
Is it There: False  
Is Updated: False  
Owners Mark: First Owner  
Lat/Long: 40|43|00 / 73|56|30  
Renew Date: 09/27/93  
Deliquent: False  
Total Capacity: 0  
Date Expired: 08/30/95  
Case No: Not reported  
Federal Amt: True  
Pipe Flag: False  
Reserve Flag: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

Tank Number: 008  
Date Entered: 08/30/1989  
Capacity: 1500  
Chemical: iso-Butyl acetate  
Tank Closed: 10/98  
Tank Status: Temporarily Out Of Service  
Tank Type: Steel/carbon steel  
Install Date: 06/58  
CAS No: 110190  
Substance: Single Hazardous Substance on DEC List  
Tank Location: Outdoors, Belowground  
Tank Internal: None  
Tank External: PAINTED/ASPHALT COATING  
Pipe Location: Aboveground/Underground Combination  
Pipe Internal: None  
Pipe External: None  
Leak Detection: None  
Secondary Containment: Excavation Liner  
Overfill Protection: None  
Haz Percent: 100  
Pipe Containment: None  
Pipe Type: STEEL/IRON  
Tank Error Status: No Missing Data  
Tank Secret: False  
Date Entered: 09:00:49  
Last Test: Not reported  
Due Date: Not reported  
SWIS Code: 6101  
Cert Flag: False  
Is it There: False  
Is Updated: False  
Owners Mark: First Owner  
Lat/Long: 40|43|00 / 73|56|30  
Renew Date: 09/27/93  
Deliquent: False  
Total Capacity: 0  
Date Expired: 08/30/95  
Case No: Not reported  
Federal Amt: True  
Pipe Flag: False  
Reserve Flag: True

Tank Number: 009  
Date Entered: 08/30/1989  
Capacity: 1500  
Chemical: Xylene (mixed)  
Tank Closed: 10/98  
Tank Status: Temporarily Out Of Service  
Tank Type: Steel/carbon steel  
Install Date: 06/58  
CAS No: 1330207  
Substance: Single Hazardous Substance on DEC List  
Tank Location: Outdoors, Belowground  
Tank Internal: None  
Tank External: PAINTED/ASPHALT COATING  
Pipe Location: Aboveground/Underground Combination

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

Pipe Internal: None  
Pipe External: None  
Leak Detection: None  
Secondary Containment: Excavation Liner  
Overfill Protection: None  
Haz Percent: 100  
Pipe Containment: None  
Pipe Type: STEEL/IRON  
Tank Error Status: No Missing Data  
Tank Secret: False  
Date Entered: 09:02:24  
Last Test: Not reported  
Due Date: Not reported  
SWIS Code: 6101  
Cert Flag: False  
Is it There: False  
Is Updated: False  
Owners Mark: First Owner  
Lat/Long: 40|43|00 / 73|56|30  
Renew Date: 09/27/93  
Deliquent: False  
Total Capacity: 0  
Date Expired: 08/30/95  
Case No: Not reported  
Federal Amt: True  
Pipe Flag: False  
Reserve Flag: True

Tank Number: 010  
Date Entered: 08/30/1989  
Capacity: 4000  
Chemical: Toluene  
Tank Closed: 10/98  
Tank Status: Temporarily Out Of Service  
Tank Type: Steel/carbon steel  
Install Date: 08/79  
CAS No: 108883  
Substance: More than one Hazardous Substance on DEC List  
Tank Location: Outdoors, Belowground  
Tank Internal: None  
Tank External: PAINTED/ASPHALT COATING  
Pipe Location: Aboveground/Underground Combination  
Pipe Internal: None  
Pipe External: None  
Leak Detection: None  
Secondary Containment: Excavation Liner  
Overfill Protection: None  
Haz Percent: 100  
Pipe Containment: None  
Pipe Type: STEEL/IRON  
Tank Error Status: No Missing Data  
Tank Secret: False  
Date Entered: 09:01:24  
Last Test: Not reported  
Due Date: Not reported  
SWIS Code: 6101

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

Cert Flag: False  
Is it There: False  
Is Updated: False  
Owners Mark: First Owner  
Lat/Long: 40|43|00 / 73|56|30  
Renew Date: 09/27/93  
Deliquent: False  
Total Capacity: 0  
Date Expired: 08/30/95  
Case No: Not reported  
Federal Amt: True  
Pipe Flag: False  
Reserve Flag: True

**NY MANIFEST:**

EPA ID: NYD001231661  
Country: USA

**Mailing Info:**

Name: GLOSS-FLO CORPORATION  
Contact: KLEIN JEFFREY VPRES  
Address: 135 JACKSON STREET  
City/State/Zip: BROOKLYN, NY 11211  
Country: USA  
Phone: 212-389-8800

Document ID: NJA0530171  
Manifest Status: Completed copy  
Trans1 State ID: NJDEPS699  
Trans2 State ID: Not reported  
Generator Ship Date: 880929  
Trans1 Recv Date: 880929  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 880929  
Part A Recv Date: 881006  
Part B Recv Date: 881006  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: NJD980772768  
Trans2 EPA ID: Not reported  
TSD ID: NJD002182897  
Waste Code: F005 - UNKNOWN  
Quantity: 02790  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 88

Document ID: MIA1563714  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: NJS8790  
Trans2 State ID: Not reported  
Generator Ship Date: 881214  
Trans1 Recv Date: 881214

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

Trans2 Recv Date: Not reported  
TSD Site Recv Date: 881215  
Part A Recv Date: 890126  
Part B Recv Date: 881228  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: NJD096839154  
Trans2 EPA ID: Not reported  
TSDF ID: MID096963194  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 01650  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 030  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 88

Document ID: NJA2802206  
Manifest Status: Not reported  
Trans1 State ID: NYD980769947  
Trans2 State ID: Not reported  
Generator Ship Date: 06/05/1998  
Trans1 Recv Date: 06/05/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 06/05/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: NJD002182897  
Trans2 EPA ID: Not reported  
TSDF ID: S0602  
Waste Code: F005 - UNKNOWN  
Quantity: 01595  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 029  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 98

Document ID: NYG3925242  
Manifest Status: Not reported  
Trans1 State ID: TND3822OH  
Trans2 State ID: Not reported  
Generator Ship Date: 10/26/2004  
Trans1 Recv Date: 10/26/2004  
Trans2 Recv Date: 10/27/2004  
TSD Site Recv Date: 11/05/2004  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: PAD086214574  
Trans2 EPA ID: Not reported  
TSDF ID: IND000646  
Waste Code: F003 - UNKNOWN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

Quantity: 26000  
Units: P - Pounds  
Number of Containers: 052  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2004

Document ID: NYG3925323  
Manifest Status: Not reported  
Trans1 State ID: Not reported  
Trans2 State ID: Not reported  
Generator Ship Date: 12/15/2004  
Trans1 Recv Date: 12/15/2004  
Trans2 Recv Date: 12/15/2004  
TSD Site Recv Date: 12/22/2004  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: OHD981094972  
Trans2 EPA ID: Not reported  
TSD ID: IND000646  
Waste Code: F003 - UNKNOWN  
Quantity: 04400  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 080  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2004

Document ID: NYG3925332  
Manifest Status: Not reported  
Trans1 State ID: Not reported  
Trans2 State ID: Not reported  
Generator Ship Date: 12/22/2004  
Trans1 Recv Date: 12/22/2004  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 01/05/2005  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: NJD986607380  
Trans2 EPA ID: Not reported  
TSD ID: IND000646  
Waste Code: F003 - UNKNOWN  
Quantity: 05060  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 092  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Waste Code: F003 - UNKNOWN  
Quantity: 00220  
Units: G - Gallons (liquids only)\* (8.3 pounds)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

Number of Containers: 004  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2004

Document ID: NJA1965307  
Manifest Status: Completed copy  
Trans1 State ID: 005602  
Trans2 State ID: Not reported  
Generator Ship Date: 950828  
Trans1 Recv Date: 950828  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950828  
Part A Recv Date: Not reported  
Part B Recv Date: 950914  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: Not reported  
TSD ID: NJD002182897  
Waste Code: F003 - UNKNOWN  
Quantity: 04950  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 090  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

Document ID: MDC0942539  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: NJD986607380  
Generator Ship Date: 05/09/2001  
Trans1 Recv Date: 05/09/2001  
Trans2 Recv Date: 05/09/2001  
TSD Site Recv Date: 05/13/2001  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: MDD980555189  
Trans2 EPA ID: Not reported  
TSD ID: MA13585DC  
Waste Code: F003 - UNKNOWN  
Quantity: 12400  
Units: P - Pounds  
Number of Containers: 031  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2001

Document ID: MDC0943514  
Manifest Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

Trans1 State ID: MAD039322250  
Trans2 State ID: Not reported  
Generator Ship Date: 10/29/2001  
Trans1 Recv Date: 10/29/2001  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 10/29/2001  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: MDD980555189  
Trans2 EPA ID: Not reported  
TSDF ID: HWH160003  
Waste Code: F003 - UNKNOWN  
Quantity: 01595  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 029  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2001

Document ID: NYG3925359  
Manifest Status: Not reported  
Trans1 State ID: NJD071629976  
Trans2 State ID: Not reported  
Generator Ship Date: 01/10/2005  
Trans1 Recv Date: 01/10/2005  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 01/11/2005  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: NJ044  
Trans2 EPA ID: Not reported  
TSDF ID: IND000646943  
Waste Code: F003 - UNKNOWN  
Quantity: 04235  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 077  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2005

Document ID: MIA1517813  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: MAP40233  
Trans2 State ID: Not reported  
Generator Ship Date: 890331  
Trans1 Recv Date: 890331  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 890404  
Part A Recv Date: 890512  
Part B Recv Date: 890414  
Generator EPA ID: NYD001231661

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

Trans1 EPA ID: NYD046765574  
Trans2 EPA ID: Not reported  
TSDF ID: NYD043815703  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 01375  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 025  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 89

Document ID: NJA2209329  
Manifest Status: Completed copy  
Trans1 State ID: S0602  
Trans2 State ID: Not reported  
Generator Ship Date: 951117  
Trans1 Recv Date: 951117  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 951117  
Part A Recv Date: 951205  
Part B Recv Date: 951211  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: Not reported  
TSDF ID: NJD002182897  
Waste Code: F003 - UNKNOWN  
Quantity: 05060  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 092  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

Document ID: NJA2219532  
Manifest Status: Completed copy  
Trans1 State ID: 00602  
Trans2 State ID: Not reported  
Generator Ship Date: 951025  
Trans1 Recv Date: 951025  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 951026  
Part A Recv Date: 951108  
Part B Recv Date: 951109  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: Not reported  
TSDF ID: NJD002182897  
Waste Code: F003 - UNKNOWN  
Quantity: 03142  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: B Incineration, heat recovery, burning.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

Specific Gravity: 100  
Year: 95

Document ID: NJA2157401  
Manifest Status: Completed copy  
Trans1 State ID: 00602  
Trans2 State ID: Not reported  
Generator Ship Date: 950927  
Trans1 Recv Date: 950927  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950927  
Part A Recv Date: 951010  
Part B Recv Date: 951006  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: Not reported  
TSD ID: NJD002182897  
Waste Code: F003 - UNKNOWN  
Quantity: 39100  
Units: P - Pounds  
Number of Containers: 092  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

Document ID: NYG0871236  
Manifest Status: Not reported  
Trans1 State ID: NJD000692061  
Trans2 State ID: Not reported  
Generator Ship Date: 02/11/1998  
Trans1 Recv Date: 02/11/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 02/16/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: ALD070513767  
Trans2 EPA ID: Not reported  
TSD ID: T9Y274NJ  
Waste Code: F003 - UNKNOWN  
Quantity: 05225  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 095  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 00.86  
Year: 98

Document ID: PAB0643414  
Manifest Status: Completed copy  
Trans1 State ID: PA-AH0174  
Trans2 State ID: PA-AH  
Generator Ship Date: 860402

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

Trans1 Recv Date: 860402  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 860404  
Part A Recv Date: 860422  
Part B Recv Date: 860423  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: PAD980715692  
Trans2 EPA ID: Not reported  
TSD ID: PAD003003894  
Waste Code: F003 - UNKNOWN  
Quantity: 05000  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 86

Document ID: NJA1389350  
Manifest Status: Completed copy  
Trans1 State ID: NJDEPS581  
Trans2 State ID: Not reported  
Generator Ship Date: 920908  
Trans1 Recv Date: 920908  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920909  
Part A Recv Date: Not reported  
Part B Recv Date: 920921  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: NJD982281016  
Trans2 EPA ID: Not reported  
TSD ID: NJD002200046  
Waste Code: F005 - UNKNOWN  
Quantity: 05000  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NJA2157548  
Manifest Status: Completed copy  
Trans1 State ID: 00602  
Trans2 State ID: Not reported  
Generator Ship Date: 951208  
Trans1 Recv Date: 951208  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 951208  
Part A Recv Date: 951218  
Part B Recv Date: 951220  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: Not reported  
TSD ID: NJD002182897

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

Waste Code: F003 - UNKNOWN  
Quantity: 05060  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 092  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

Document ID: NYO1603575  
Manifest Status: TSDf copy  
Trans1 State ID: Not reported  
Trans2 State ID: Not reported  
Generator Ship Date: 810513  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 810406  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDf ID: Not reported  
Waste Code: Not reported  
Quantity: Not reported  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: 80-81

Document ID: NYO1673316  
Manifest Status: TSDf copy  
Trans1 State ID: Not reported  
Trans2 State ID: Not reported  
Generator Ship Date: 810707  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 810616  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001231661  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDf ID: Not reported  
Waste Code: Not reported  
Quantity: Not reported  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: 80-81

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GLOSS-FLO CORPORATION (Continued)**

**1000385918**

[Click this hyperlink](#) while viewing on your computer to access  
18 additional NY\_MANIFEST: record(s) in the EDR Site Report.

CBS:

CBS Number: 2-000171  
Program Type: CBS  
Facility Status: Unregulated  
Expiration Date: Not reported  
Dec Region: 2  
UTMX: 589044.97785999  
UTMY: 4507833.6158400

**T91**  
**SSW**  
**1/8-1/4**  
**0.168 mi.**  
**889 ft.**

**283 GRAHAM AVE**  
**BROOKLYN, NY 11211**  
**Site 1 of 3 in cluster T**

**EDR US Hist Auto Stat 1015388503**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**39 ft.**

EDR Historical Auto Stations:

Name: BRAKE THE RULES INC  
Year: 2003  
Address: 283 GRAHAM AVE  
  
Name: BRAKE THE RULES INC  
Year: 2004  
Address: 283 GRAHAM AVE

**N92**  
**North**  
**1/8-1/4**  
**0.172 mi.**  
**910 ft.**

**448 HUMBOLDT ST**  
**BROOKLYN, NY 11211**  
**Site 2 of 4 in cluster N**

**EDR US Hist Cleaners 1015062522**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**27 ft.**

EDR Historical Cleaners:

Name: BUONOMO CLEANERS  
Year: 2001  
Address: 448 HUMBOLDT ST  
  
Name: BUONOMO CLEANERS  
Year: 2002  
Address: 448 HUMBOLDT ST  
  
Name: BUONOMO CLEANERS  
Year: 2005  
Address: 448 HUMBOLDT ST  
  
Name: BUONOMO CLEANERS  
Year: 2006  
Address: 448 HUMBOLDT ST  
  
Name: BUONOMO CLEANERS  
Year: 2007  
Address: 448 HUMBOLDT ST  
  
Name: BUONOMO CLEANERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015062522

Year: 2010  
Address: 448 HUMBOLDT ST  
  
Name: BUONOMO CLEANERS  
Year: 2011  
Address: 448 HUMBOLDT ST

**N93**  
**North**  
**1/8-1/4**  
**0.172 mi.**  
**910 ft.**

**EVADA CLEANERS OF NY**  
**448 HUMBOLDT ST**  
**BROOKLYN, NY 11211**

**RCRA-CESQG**  
**FINDS**  
**US AIRS**

**1000318342**  
**NYD004225660**

**Site 3 of 4 in cluster N**

**Relative:**  
**Lower**

RCRA-CESQG:

Date form received by agency: 01/01/2007  
Facility name: BUONOMO CLEANERS INC  
Facility address: 448 HUMBOLDT ST  
BROOKLYN, NY 11211

**Actual:**  
**27 ft.**

EPA ID: NYD004225660  
Mailing address: HUMBOLDT ST  
BROOKLYN, NY 11211  
Contact: Not reported  
Contact address: HUMBOLDT ST  
BROOKLYN, NY 11211

Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 02

Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: BUONOMO CLEANERS  
Owner/operator address: 448 HUMBOLT ST  
BROOKLYN, NY 11211

Owner/operator country: US  
Owner/operator telephone: (718) 389-7936  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: BUONOMO CLEANERS  
Owner/operator address: 448 HUMBOLT ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EVADA CLEANERS OF NY (Continued)**

**1000318342**

BROOKLYN, NY 11211

Owner/operator country: US  
Owner/operator telephone: (718) 389-7936  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Site name: BUONOMO CLEANERS INC  
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/30/1995  
Site name: BUONOMO CLEANERS INC  
Classification: Not a generator, verified

Date form received by agency: 01/14/1993  
Site name: BUONOMO CLEANERS INC  
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110001610524

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EVADA CLEANERS OF NY (Continued)**

**1000318342**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

**AIRS (AFS):**

**Compliance and Violation Data Major Sources:**

EPA plant ID: 110001610524  
Plant name: EVADA CLEANERS OF NY  
Plant address: 448 HUMBOLDT STREET  
BROOKLYN, NY 112112418  
County: KINGS  
Region code: 02  
Dunn & Bradst #: Not reported  
Air quality cntrl region: 043  
Sic code: 7216  
Sic code desc: DRYCLEANING PLANTS, EXCEPT RUG  
North Am. industrial classf: 812320  
NAIC code description: Drycleaning and Laundry Services (except Coin-Operated)  
Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Default classification: POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS  
IF AND ONLY IF THE SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE  
REGULATIONS OR LIMITATIONS.  
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR  
LOCAL GOVERNMENT  
Current HPV: Not reported

**Compliance and Enforcement Major Issues:**

Air program: SIP SOURCE  
National action type: STATE CONDUCTED PCE/ ON-SITE  
Date achieved: 000612  
Penalty amount: 000000000  
  
Air program: MACT (SECTION 63 NESHAPS)  
National action type: STATE CONDUCTED PCE/ ON-SITE  
Date achieved: 000612  
Penalty amount: 000000000  
  
Air program: SIP SOURCE  
National action type: NXXXXX  
Date achieved: 010522  
Penalty amount: 000000000  
  
Air program: MACT (SECTION 63 NESHAPS)  
National action type: STATE CONDUCTED PCE/ ON-SITE  
Date achieved: 010607  
Penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EVADA CLEANERS OF NY (Continued)**

**1000318342**

Air program: SIP SOURCE  
National action type: STATE CONDUCTED PCE/ ON-SITE  
Date achieved: 010607  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: NXXXXX  
Date achieved: 010807  
Penalty amount: 000000250

Air program: MACT (SECTION 63 NESHAPS)  
National action type: EPA CONDUCTED PCE/ ON-SITE  
Date achieved: 990813  
Penalty amount: 000000000

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1004  
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1101  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1102  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1102  
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1103  
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1104  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1201  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1201  
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1202  
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1203  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EVADA CLEANERS OF NY (Continued)**

**1000318342**

Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	MACT (SECTION 63 NESHAPS)

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**N94**  
**North**  
**1/8-1/4**  
**0.172 mi.**  
**910 ft.**

**BUONOMO CLNRS**  
**448 HUMBOLDT ST**  
**BROOKLYN, NY 11211**

**Site 4 of 4 in cluster N**

**NY MANIFEST** **S106435460**  
**NY DRYCLEANERS** **N/A**

**Relative:**  
**Lower**

NY MANIFEST:  
EPA ID: NYD004225660  
Country: USA

**Actual:**  
**27 ft.**

Mailing Info:  
Name: BUONOMO CLNRS  
Contact: BUONOMO CLNRS  
Address: 448 HUMBOLDT STREET  
City/State/Zip: BROOKLYN, NY 11211  
Country: USA  
Phone: 718-389-7936

NY MANIFEST:  
No Manifest Records Available

DRYCLEANERS:  
Facility ID: 2-6101-00828  
Phone Number: 718-389-7936  
Region: Not reported  
Registration Effective Date: 3/12/2002 11:44:16:5  
Inspection Date: 07MAY9  
Install Date: 91/00  
Drop Shop: Not reported  
Shutdown: Not reported  
Alternate Solvent: Not reported  
Current Business: Not reported

**U95**  
**SE**  
**1/8-1/4**  
**0.177 mi.**  
**932 ft.**

**CON EDISON**  
**FRONT OF 16 JUDGE ST**  
**BROOKLYN, NY 11211**

**Site 1 of 2 in cluster U**

**NY MANIFEST** **S116294078**  
**N/A**

**Relative:**  
**Higher**

NY MANIFEST:  
EPA ID: NYP004452728  
Country: USA

**Actual:**  
**40 ft.**

Mailing Info:  
Name: CON EDISON  
Contact: CON EDISON  
Address: 4 IRVING ST  
Address 2: 15TH FL  
City/State/Zip: NEW YORK, NY 10003  
Country: USA  
Phone: Not reported

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD003812047  
Trans2 State ID: Not reported  
Generator Ship Date: 2014-02-26  
Trans1 Recv Date: 2014-02-26  
Trans2 Recv Date: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CON EDISON (Continued)**

**S116294078**

TSD Site Recv Date: 2014-02-26  
 Part A Recv Date: Not reported  
 Part B Recv Date: Not reported  
 Generator EPA ID: NYP004452728  
 Trans1 EPA ID: Not reported  
 Trans2 EPA ID: Not reported  
 TSD ID: NJD991291105  
 Waste Code: Not reported  
 Quantity: 100  
 Units: G - Gallons (liquids only)\* (8.3 pounds)  
 Number of Containers: 1  
 Container Type: TT - Cargo tank, tank trucks  
 Handling Method: T Chemical, physical, or biological treatment.  
 Specific Gravity: 1  
 Year: 2014  
 Manifest Tracking Num: 002359015GBF  
 Import Ind: N  
 Export Ind: N  
 Discr Quantity Ind: N  
 Discr Type Ind: N  
 Discr Residue Ind: N  
 Discr Partial Reject Ind: N  
 Discr Full Reject Ind: N  
 Manifest Ref Num: Not reported  
 Alt Fac RCRA Id: Not reported  
 Alt Fac Sign Date: Not reported  
 Mgmt Method Type Code: H110

**V96**  
**East**  
**1/8-1/4**  
**0.179 mi.**  
**943 ft.**

**CON EDISON**  
**FRONT OF 890 METROPOLITAN AVE**  
**BROOKLYN, NY 11211**  
**Site 1 of 5 in cluster V**

**NY MANIFEST S113816045**  
**N/A**

**Relative:**  
**Lower**

NY MANIFEST:  
 EPA ID: NYP004324489  
 Country: USA

**Actual:**  
**30 ft.**

Mailing Info:  
 Name: CON EDISON  
 Contact: CON EDISON  
 Address: 4 IRVING PLACE 15TH FLOOR  
 City/State/Zip: NEW YORK, NY 10003  
 Country: USA  
 Phone: 212-460-3770

Document ID: Not reported  
 Manifest Status: Not reported  
 Trans1 State ID: NJD003812047  
 Trans2 State ID: NJD003812047  
 Generator Ship Date: 2013-07-03  
 Trans1 Recv Date: 2013-07-03  
 Trans2 Recv Date: 2013-07-03  
 TSD Site Recv Date: 2013-07-03  
 Part A Recv Date: Not reported  
 Part B Recv Date: Not reported  
 Generator EPA ID: NYP004324489

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CON EDISON (Continued)**

**S113816045**

Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDf ID: NJD991291105  
Waste Code: Not reported  
Quantity: 800  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 1  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: L Landfill.  
Specific Gravity: 1  
Year: 2013  
Manifest Tracking Num: 002016846GBF  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H110

**R97  
NE  
1/8-1/4  
0.180 mi.  
949 ft.**

**RESIDENCE  
243 JACKSON STREET  
BROOKLYN, NY  
Site 2 of 2 in cluster R**

**NY LTANKS S106971706  
NY Spills N/A**

**Relative:  
Lower**

**LTANKS:**

Site ID: 334346  
Spill Number/Closed Date: 0409577 / 2/4/2005  
Spill Date: 11/26/2004  
Spill Cause: Tank Failure  
Spill Source: Private Dwelling  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: SFRAHMAN  
Referred To: Not reported  
Reported to Dept: 11/26/2004  
CID: 409  
Water Affected: Not reported  
Spill Notifier: Affected Persons  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 11/29/2004  
Spill Record Last Update: 4/20/2005  
Spiller Name: ALBERT LONG  
Spiller Company: RESIDENCE  
Spiller Address: 243 JACKSON STREET  
Spiller City,St,Zip: BROOKLYN, NY 11237  
Spiller County: 001

**Actual:  
32 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RESIDENCE (Continued)**

**S106971706**

Spiller Contact: ALBERT LONG  
Spiller Phone: (718) 349-6697  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 269562  
DEC Memo: 2/4/05 TJDDemeo was contacted by the property owner. He has completed the removal of his 275 AST and converted to gas. According to the property owner the floor beneath the tank is in good shape, no holes or cracks in the concrete. Petro completed the cleanup immediately following the reported spill using absorbents. No lingering petroleum vapors inside residence. Based upon the property owners statements spill is closed. No further action required.  
Remarks: two thirty five tanks leakng closer to the wall. in the basement. crews not on the way :not cleaned up

Material:  
Site ID: 334346  
Operable Unit ID: 1096485  
Operable Unit: 01  
Material ID: 576423  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 5  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

SPILLS:  
Facility ID: 1113750  
Facility Type: ER  
DER Facility ID: 269562  
Site ID: 461762  
DEC Region: 2  
Spill Date: 3/9/2012  
Spill Number/Closed Date: 1113750 / 3/26/2012  
Spill Cause: Unknown  
Spill Class: Not reported  
SWIS: 2401  
Investigator: HRPATEL  
Referred To: Not reported  
Reported to Dept: 3/9/2012  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Unknown  
Spill Notifier: Local Agency  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RESIDENCE (Continued)**

**S106971706**

Remediation Phase: 0  
Date Entered In Computer: 3/9/2012  
Spill Record Last Update: 3/26/2012  
Spiller Name: Not reported  
Spiller Company: UNKNOWN  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller Company: 999  
Contact Name: ANDREW KELLY  
Contact Phone: (718) 595-4761  
DEC Memo: 03/09/12-Hiralkumar Patel.2:56 PM:- spoke with Andrew at DEP. he mentioned that owner of 243 Jackson Street reported an oil seepage into his basement. Andrew inspected site and found few ounces of oil seeping through basement wall. there is a gas heating system at impacted site. he tried to inspect next door building at 31 Kingsland Ave, but no success.3:03 PM:- spoke with Albert Long, owner of 243 Jackson Street. he owns 243 Jackson street (property at the northwest corner of Jackson Street and Kingsland Ave). he mentioned that oil found in basement of his building. he has gas heating system, but building at 31 Kingsland Ave has oil heating system.Albert Long \*\*owner of building 243\*\*1417 Jefferson AvenueBrooklyn, NY 11237Ph. (347) 247-9543email: cienlada@aol.comMellys LongPh. (347) 987-9541as per DOB application approved on 12/28/04, oil burner was replaced with gas burner at Mr. Long's property. <-----alternate address for 243 Jackson Street: 243-251 Jackson Street, 31A Kingsland Aveno PBS record found for 243 Jackson Street.old spill # 0409577 found for 243 Jackson Street. the spill was reported on 11/26/04 due to a petroleum release from a 275 gal tank located closer to the wall. the case was closed based on property owner's statement, but no cleanup report submitted.alternate address for 31 Kingsland Ave: noneno PBS or spill record found for 31 Kingsland Ave.4:00 PM:- visited site. met Teresa, building super for 243 Jackson St. its four story buiding with basement. building 243 runs east-west along the north side of Jackson Street. ground floor of the buiding 243 is occupied by: a grocery store (Neighborhood Grocery) at the eastern end of the property (at the northwest corner of the intersection of Jackson St and Kingsland Ave), apartment building entrance in middle and a restaurant (718-349-2400) on the western end of the property. inspected basements under the apartment building and grocery store. found oil on water in the northwest corner of the grocery store basement. oil/water mix also found in the northeast corner of the apartment basement, at the end of the basement stairs. the boiler room is located in the eastern part of the apartment basement. there is a small open area behind the boiler room, between the subject site and the adjacent building at 31 Kingsland Ave. found oil/water in this open area. during inspection, minor odors noticed in basements.inspected basement at building 31 Kingsland Ave. suspected site has two 275 gal ASTs on legs. no sign of oil spill found under the tanks. fill and vent lines runs aboveground. the two tanks are located along the southern foundation wall in the eastern part of the basement. tank location is along the grocery store basement at building 243. boiler at building 31 is located in the northwestern corner of the basement and supply line between the tank and boiler runs underground. basement at building 31 is about 4 ft higher than basement at building 243.based on location of tanks at building 31 and most impact in the grocery basement at building 243, oil may have spilled from an underground supply line at building

**RESIDENCE (Continued)**

**S106971706**

31.03/12/12-Hiralkumar Patel.12:54 PM:- left message for Mr. Long.1:15 PM:- visited site. met Mr. Long. inspected basement under the restaurant, the apartment and the grocery store.its a finished basement under the restaurant. no sign of any water or oil seepage found in the basement.during site inspection, Mr. Long showed location of his old tanks. the tanks at building 243 were located along the southern foundation wall in center of the basement and just right of the basement entrance (which is left of the restaurant entrance) from sidewalk. Mr. Long mentioned that fill port and a vent line for old tanks in his building were located just left of the apartment building entrance (in area between the apartment entrance and restaurant entrance). no sign of oil/water seepage found where the old tanks were located. inspected other parts of basement where oily water observed during site visit on 03/09/12. no oil found at the end of the basement stairs or boiler room or an open area behind the boiler room. during today's inspection, found a drain in the open area and a drain pipe going towards the grocery basement. its looks like whatever oil found in open area and in the northeast corner of the apartment basement, might have came through the drain pipe from the grocery basement.during inspection of the grocery basement, found a sump like structure in the northwest corner and oil/water in the corner. asked Mr. Long to remove oily water and seal the corner which will prevent further seepage.Mr. Long mentioned that they had changed a main sewer line about 8 months ago, but they never so oil seepage before. oil spill found by grocery store person when they noticed petroleum odors in grocery basement about two weeks ago.during inspection, met Lorenzo Ayala, president of co-op board for building 31. there are six co-op units in the building. discussed about possible leak from an underground supply line at building 31. asked him to perform a tightness test of the line and submit result by the end of 03/14/12.31 Kingsland Ave Housing Development Fund Corporation \*\*owner of building 31\*\*c/o Lorenzo Ayala \*\*co-op president\*\*31 Kingsland Avenue, Unit 1RBrooklyn, NY 11211Ph. (347) 251-4123Erica Erazo \*\*co-op unit owner at building 31\*\*31 Kingsland Avenue, Apt. 2RBrooklyn, NY 11211Diana Hodge \*\*co-op unit owner at building 31\*\*31 Kingsland Avenue, Apt. 2LBrooklyn, NY 112113:28 PM:- spoke with Dennis at Ferrentino Fuel and requested a copy of delivery record for building 31 from Jan. 2011 to Mar. 2012. he asked to send email.Dennis GooldsteinFerrentino Fuel \*\*oil delivery company for building 31\*\*Ph. (718) 832-6700email: dennis@ffcenergy.com3:30 PM:- sent email to Dennis and asked to send delivery record from Jan. 2011 to Mar. 2012.based on available information, chagned following information in the original spill report (see copy on e-docs):- spill name: "intersection" to "apartment building"- site address: "Jackson St & Kingsland Ave" to " 243 Jackson Street"3:54 PM:- left message from Mr. Long.03/13/12-Hiralkumar Patel.10:16 AM:- spoke with Mr. Long. they are going to pump out oil/water today. asked him to call for inspection after pump out and prior to sealing the sump.10:32 AM:- received call from Mr. Ayala. he mentioned that about two weeks ago, building 39 Kingsland Ave changed from oil to gas heating system and Mr. Ayala suspects that owner of building 39 has dumped excess oil into sewer system. he asked to meet at the site and will provide evidence. informed him that regardless of findings at building 39, the department still requires tightness test of the supply line in his building. informed him about possible site visit tomorrow morning. he will try to have line test done during the site inspection tomorrow morning.10:40 AM:- received email from Ferrantino

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

RESIDENCE (Continued)

S106971706

Fuel including delivery record for bldg 31 from Oct. 2011 to Mar. 2012. based on delivery record, occupants of bldg 31 used average of about 17-19 gal per day since Oct. 2011 and there is no sudden increase in oil use.03/15/12-Hiralkumar Patel.10:00 AM:- visited site. inspected grocery store basement. oily water was removed from basement, but some more oil came into sump. asked cleanup guy to remove the product from sump.spoke with Mr. Ayala. he mentioned that a technician from his own company checked the system and confirms no leak. informed him that a tightness test of the supply line must be performed and a certified result must be submitted to the Department. Mr. Ayala mentioned that his sister lives in building 39 and will call back with landlord's number for building 39.10:32 AM:- received message from Mr. Ayala with contact info for property owner for building 39.Zev Zafir Inc. \*\*owner of 39 Kingsland Ave\*\*Shloma StuhlPresident543 Bedford Avenue #239Brooklyn, NY 11211Ph. (718) 387-75841:10 PM:- spoke with Mr. Long. suggest him to continue cleanup. asked him to call for site inspection before he seal the sump.2:43 PM:- left message at Zev Zafir Inc.3:00 PM:- received call from Shloma Stuhl from Zev Zafir Inc. he mentioned that they have gas heating system for more than six months. they only modified gas line on 03/01/12. scheduled a site inspection at 10 AM tomorrow morning. George (917-721-2470) will provide access to building 39.03/16/12-Hiralkumar Patel. called George multiple times, but no answer. did not visited building 39.03/19/12-Hiralkumar Patel.3:45 PM:- visited site. inspected grocery basement. oil hasn't cleaned up yet. no increase in the amount.03/21/12-Hiralkumar Patel.9:27 AM:- left message for Mr. Long. informed him that spill in grocery store basement must be cleaned up immediately.03/22/12-Hiralkumar Patel.03/23/12-Hiralkumar Patel.2:04 PM:- spoke with Mr. Long. he mentioned that contractor pumped out oily water from sump until it cleared out.2:09 PM:- spoke with Elizabeth at 95 Inc., contractor who pumped out oil/water. she mentioned that they pumped out about 50 gal of oily water. she will ask driver to call back, who responded to the site.Elizabeth95 Inc.Ph. (631) 842-98172:23 PM:- received call from Dino, driver from 95 Inc. he mentioned that after pumping about 50 gal, he found mostly clear water.03/26/12-Hiralkumar Patel.9:15 AM:- visited site. inspected grocery store basement. found mostly muddy water, with some oily water (less than 1 ft by 1 ft area) away from sump area.received fax from Elizabeth including a disposal manifest.3:35 PM:- spoke with Mr. Long. asked him to remove the last spot of oily water. informed him that as no more oil coming into the basement, case can be closed. suggested him to seal the basement.after discussing with DEC Austin, case closed.

Remarks: Oil suspected to be coming from 33 Kingsland Ave. DEP unable to gain access to bldg. Unknown owner at this time. Further is pending.

Material:

Site ID: 461762  
Operable Unit ID: 1211843  
Operable Unit: 01  
Material ID: 2209666  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.01  
Units: Gallons  
Recovered: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RESIDENCE (Continued)**

**S106971706**

Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**U98**  
**SE**  
**1/8-1/4**  
**0.180 mi.**  
**953 ft.**

**JENNINGS HALLL HDFC**  
**260 POWERS STREET**  
**BROOKLYN, NY 11211**  
**Site 2 of 2 in cluster U**

**NY UST** **U004047255**  
**N/A**

**Relative:**  
**Higher**

UST:  
Id/Status: 2-608986 / Unregulated/Closed  
Program Type: PBS  
Region: STATE  
DEC Region: 2  
Expiration Date: 06/25/2014  
UTM X: 589491.6929999997  
UTM Y: 4507406.0120000001  
Site Type: Apartment Building/Office Building

**Actual:**  
**42 ft.**

**Affiliation Records:**

Site Id: 30833  
Affiliation Type: Mail Contact  
Company Name: CA RICH CONSULTANTS, INC.  
Contact Type: Not reported  
Contact Name: JESSICA PROSCIA  
Address1: 17 DUPONT STREET  
Address2: Not reported  
City: PLAINVIEW  
State: NY  
Zip Code: 11803  
Country Code: 001  
Phone: (516) 576-8844  
EMail: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 2/17/2010

Site Id: 30833  
Affiliation Type: On-Site Operator  
Company Name: JENNINGS HALLL HDFC  
Contact Type: Not reported  
Contact Name: JOSE ECHAVARRIA  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 782-3390  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 30833

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JENNINGS HALLL HDFC (Continued)**

**U004047255**

Affiliation Type: Emergency Contact  
Company Name: JENNINGS HALL HDFC  
Contact Type: Not reported  
Contact Name: MARIE IEANZA  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 782-3390  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 30833  
Affiliation Type: Facility Owner  
Company Name: JENNINGS HALL, LP  
Contact Type: VP  
Contact Name: JOSE ECHAVARRIA  
Address1: 260 POWERS STREET  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 782-3390  
EMail: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 2/17/2010

Tank Info:

Tank Number: 001  
Tank ID: 66089  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 20000  
Install Date: 01/01/1930  
Date Tank Closed: 11/23/2009  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21  
Date Test: 01/03/2008  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: MSBAPTIS  
Last Modified: 02/17/2010

Equipment Records:

A00 - Tank Internal Protection - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

JENNINGS HALLL HDFC (Continued)

U004047255

D01 - Pipe Type - Steel/Carbon Steel/Iron  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
G00 - Tank Secondary Containment - None  
J00 - Dispenser - None  
B00 - Tank External Protection - None  
C03 - Pipe Location - Aboveground/Underground Combination  
H00 - Tank Leak Detection - None

V99  
East  
1/8-1/4  
0.182 mi.  
959 ft.

CON EDISON SERVICE BOX: 68734  
892 METROPOLITAN AVE  
BROOKLYN, NY 11249  
Site 2 of 5 in cluster V

RCRA NonGen / NLR 1016454575  
NYP004329462

Relative:  
Lower

RCRA NonGen / NLR:

Actual:  
30 ft.

Date form received by agency: 08/15/2013  
Facility name: CON EDISON SERVICE BOX: 68734  
Facility address: 892 METROPOLITAN AVE  
BROOKLYN, NY 11249  
EPA ID: NYP004329462  
Mailing address: VING PL, 15TH FL NE  
NEW YORK, NY 10003  
Contact: THOMAS TEELING  
Contact address: Not reported  
Not reported  
Contact country: Not reported  
Contact telephone: (212) 460-3770  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 07/15/2013  
Site name: CON EDISON SERVICE BOX: 68734  
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**V100**  
**East**  
**1/8-1/4**  
**0.182 mi.**  
**959 ft.**

**CON EDISON**  
**892 METROPOLITAN AVE**  
**BROOKLYN, NY 11211**

**NY MANIFEST**    **S113816501**  
**N/A**

**Site 3 of 5 in cluster V**

**Relative:**  
**Lower**

NY MANIFEST:  
 EPA ID:                    NYP004329462  
 Country:                    USA

**Actual:**  
**30 ft.**

Mailing Info:  
 Name:                      CON EDISON  
 Contact:                    CON EDISON  
 Address:                    4 IRVING PLACE 15TH FLOOR  
 City/State/Zip:            NEW YORK, NY 10003  
 Country:                    USA  
 Phone:                      212-460-3770

Document ID:              Not reported  
 Manifest Status:           Not reported  
 Trans1 State ID:           NJD003812047  
 Trans2 State ID:           Not reported  
 Generator Ship Date:      2013-07-15  
 Trans1 Recv Date:        2013-07-15  
 Trans2 Recv Date:        Not reported  
 TSD Site Recv Date:      2013-07-15  
 Part A Recv Date:        Not reported  
 Part B Recv Date:        Not reported  
 Generator EPA ID:        NYP004329462  
 Trans1 EPA ID:            Not reported  
 Trans2 EPA ID:            Not reported  
 TSDF ID:                    NJD991291105  
 Waste Code:                Not reported  
 Quantity:                    150  
 Units:                        G - Gallons (liquids only)\* (8.3 pounds)  
 Number of Containers:    1  
 Container Type:            TT - Cargo tank, tank trucks  
 Handling Method:          T Chemical, physical, or biological treatment.  
 Specific Gravity:           1  
 Year:                        2013  
 Manifest Tracking Num:    002084331GBF  
 Import Ind:                N  
 Export Ind:                 N  
 Discr Quantity Ind:        N  
 Discr Type Ind:            N  
 Discr Residue Ind:        N  
 Discr Partial Reject Ind: N  
 Discr Full Reject Ind:    N  
 Manifest Ref Num:        Not reported  
 Alt Fac RCRA Id:          Not reported  
 Alt Fac Sign Date:        Not reported  
 Mgmt Method Type Code:   H110

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

101  
WNW  
1/8-1/4  
0.195 mi.  
1028 ft.

111 SKILLMAN AVE  
BROOKLYN, NY 11211

EDR US Hist Auto Stat 1015156720  
N/A

Relative:  
Lower

EDR Historical Auto Stations:

Name: HI TECH AUTO REPAIR  
Year: 2001  
Address: 111 SKILLMAN AVE

Actual:  
27 ft.

Name: HI TECH AUTO REPAIR  
Year: 2002  
Address: 111 SKILLMAN AVE

W102  
NE  
1/8-1/4  
0.195 mi.  
1029 ft.

251 JACKSON ST  
BROOKLYN, NY 11211

EDR US Hist Cleaners 1015028195  
N/A

Site 1 of 6 in cluster W

Relative:  
Lower

EDR Historical Cleaners:

Name: LONGS LAUNDROMAT  
Year: 2002  
Address: 251 JACKSON ST

Actual:  
32 ft.

Name: LONGS LAUNDROMAT  
Year: 2003  
Address: 251 JACKSON ST

Name: NIEGHBORHOOD LAUNDROMAT INC  
Year: 2004  
Address: 251 JACKSON ST

Name: NEIGHBORHOOD LAUNDROMAT INC  
Year: 2004  
Address: 251 JACKSON ST

Name: LONGS LAUNDROMAT  
Year: 2005  
Address: 251 JACKSON ST

S103  
West  
1/8-1/4  
0.201 mi.  
1061 ft.

656 REALTY  
656 METROPOLITAN AVE  
BKLYN, NY 11211

NY AST U003387829  
NY HIST AST N/A

Site 2 of 2 in cluster S

Relative:  
Lower

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-235717  
Program Type: PBS  
UTM X: 588963.06073999999  
UTM Y: 4507549.6090099998  
Expiration Date: 07/10/2017  
Site Type: Apartment Building/Office Building

Actual:  
32 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

656 REALTY (Continued)

U003387829

Affiliation Records:

Site Id: 8698  
Affiliation Type: Facility Owner  
Company Name: 656 METRO REALTY CORP  
Contact Type: MANAGER  
Contact Name: JACOB RUBIN  
Address1: 543 BEDFORD AVE SUITE 123  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 782-1005  
EMail: RIFKY@HESSMANAGEMENT.COM  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 10/23/2013

Site Id: 8698  
Affiliation Type: Mail Contact  
Company Name: 656 METRO REALTY CORP  
Contact Type: MANAGER  
Contact Name: JACOB RUBIN  
Address1: 543 BEDFORD AVE SUITE 123  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 782-1005  
EMail: RIFKY@HESSMANAGEMENT.COM  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 10/23/2013

Site Id: 8698  
Affiliation Type: On-Site Operator  
Company Name: 656 METRO REALTY CORP  
Contact Type: Not reported  
Contact Name: JACOB RUBIN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 782-1005  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DXLIVING  
Date Last Modified: 4/26/2007

Site Id: 8698  
Affiliation Type: Emergency Contact  
Company Name: 656 METRO REALTY CORP  
Contact Type: Not reported  
Contact Name: JACOB RUBIN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**656 REALTY (Continued)**

**U003387829**

Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 782-1005  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DXLIVING  
Date Last Modified: 4/26/2007

Tank Info:

Tank Number: 001  
Tank Id: 12645  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
G03 - Tank Secondary Containment - Vault (w/o access)  
H04 - Tank Leak Detection - Groundwater Well  
1  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: 01/01/1920  
Capacity Gallons: 2000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: MSBAPTIS  
Last Modified: 10/23/2013  
Material Name: #2 Fuel Oil (On-Site Consumption)

HIST AST:

PBS Number: 2-235717  
SWIS Code: 6101  
Operator: PETER HANDRINOS  
Facility Phone: (718) 956-7000  
Facility Addr2: 656 METROPOLITAN AVE  
Facility Type: APARTMENT BUILDING  
Emergency: PETER HANDRINOS  
Emergency Tel: (718) 956-0420  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**656 REALTY (Continued)**

**U003387829**

Owner Name: 656 REALTY  
Owner Address: 656 METROPOLITAN AVE  
Owner City,St,Zip: BKLYN, NY 11211  
Federal ID: Not reported  
Owner Tel: (718) 956-7000  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Contact: SUPER FACILITY MANAGER  
Mailing Name: 656 REALTY  
Mailing Address: 656 METROPOLITAN AVENUE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11211  
Mailing Telephone: (718) 956-7000  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Certification Flag: False  
Certification Date: 05/21/1998  
Expiration: 07/10/2002  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 2000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2  
  
Tank ID: 001  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 2000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Tank Containment: Diking  
Leak Detection: 3  
Overfill Protection: 4  
Dispenser Method: Gravity  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**656 REALTY (Continued)**

**U003387829**

Updated: False  
SPDES Number: Not reported  
Lat/Long: Not reported

**X104**  
**South**  
**1/8-1/4**  
**0.201 mi.**  
**1063 ft.**

**765 GRAND ST**  
**BROOKLYN, NY 11211**

**EDR US Hist Cleaners** **1015094494**  
**N/A**

**Site 1 of 4 in cluster X**

**Relative:**  
**Higher**

EDR Historical Cleaners:

Name: GRAND DRY CLEANERS  
Year: 2005  
Address: 765 GRAND ST

**Actual:**  
**42 ft.**

Name: GRAND DRY CLEANERS  
Year: 2006  
Address: 765 GRAND ST

Name: GRAND DRY CLEANERS  
Year: 2007  
Address: 765 GRAND ST

Name: GRAND DRY CLEANERS  
Year: 2008  
Address: 765 GRAND ST

Name: GRAND DRY CLEANERS  
Year: 2010  
Address: 765 GRAND ST

Name: PAULINO CLEANING INC  
Year: 2011  
Address: 765 GRAND ST

Name: PAULINO CLEANING INC  
Year: 2012  
Address: 765 GRAND ST

**X105**  
**South**  
**1/8-1/4**  
**0.201 mi.**  
**1063 ft.**

**GRAND CLEANERS**  
**765 GRAND ST**  
**BROOKLYN, NY 11211**

**RCRA-SQG** **1004760137**  
**FINDS** **NYR000033357**  
**NY MANIFEST**  
**NY DRYCLEANERS**  
**US AIRS**

**Site 2 of 4 in cluster X**

**Relative:**  
**Higher**

RCRA-SQG:

Date form received by agency: 01/01/2007  
Facility name: GRAND CLEANERS  
Facility address: 765 GRAND ST  
BROOKLYN, NY 11211

**Actual:**  
**42 ft.**

EPA ID: NYR000033357  
Mailing address: GRAND ST  
BROOKLYN, NY 11211  
Contact: LUIS ALCANTARA  
Contact address: GRAND ST  
BROOKLYN, NY 11211

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

1004760137

Contact country: US  
Contact telephone: (718) 599-3758  
Contact email: Not reported  
EPA Region: 02  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: LUIS E ALCANTARA  
Owner/operator address: NOT REQUIRED  
QUEENS, NY 11377

Owner/operator country: US  
Owner/operator telephone: (718) 565-7195  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: LUIS E ALCANTARA  
Owner/operator address: NOT REQUIRED  
QUEENS, NY 11377

Owner/operator country: US  
Owner/operator telephone: (718) 565-7195  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Site name: GRAND CLEANERS  
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/19/1996  
Site name: GRAND CLEANERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

**1004760137**

Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

**FINDS:**

Registry ID: 110004530954

**Environmental Interest/Information System**

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

**NY MANIFEST:**

EPA ID: NYR000033357  
Country: USA

**Mailing Info:**

Name: GRAND CLEANER  
Contact: LUIS ALCANTARA  
Address: 765 GRAND ST  
City/State/Zip: KINGS, NY 11211  
Country: USA  
Phone: 718-599-3758

Document ID: 06  
Manifest Status: NYC7747672  
Trans1 State ID: NYR000033357  
Trans2 State ID: Not reported  
Generator Ship Date: OHD980587364  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: TXR000050930  
TSD Site Recv Date: Not reported  
Part A Recv Date: NJD471629976  
Part B Recv Date: 2006-01-31  
Generator EPA ID: N  
Trans1 EPA ID: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

1004760137

Trans2 EPA ID: N  
TSDF ID: N  
Waste Code: N  
Quantity: Not reported  
Units: 2  
Number of Containers: DF  
Container Type: 390  
Handling Method: P  
Specific Gravity: 1  
Waste Code: B  
Quantity: Not reported  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: Not reported

Document ID: 06  
Manifest Status: NYC7747986  
Trans1 State ID: NYR000033357  
Trans2 State ID: Not reported  
Generator Ship Date: OHD980587364  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: TXR000050930  
TSD Site Recv Date: Not reported  
Part A Recv Date: NJD986607380  
Part B Recv Date: 2006-02-20  
Generator EPA ID: N  
Trans1 EPA ID: N  
Trans2 EPA ID: N  
TSDF ID: N  
Waste Code: N  
Quantity: Not reported  
Units: 1  
Number of Containers: DF  
Container Type: 133  
Handling Method: P  
Specific Gravity: 1  
Waste Code: B  
Quantity: Not reported  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: Not reported

Document ID: 06  
Manifest Status: NYC7747986  
Trans1 State ID: NYR000033357  
Trans2 State ID: Not reported  
Generator Ship Date: OHD980587364  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: TXR000050930

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

1004760137

TSD Site Recv Date: Not reported  
Part A Recv Date: NJD986607380  
Part B Recv Date: 2006-02-20  
Generator EPA ID: N  
Trans1 EPA ID: N  
Trans2 EPA ID: N  
TSD ID: N  
Waste Code: N  
Quantity: Not reported  
Units: 1  
Number of Containers: DF  
Container Type: 60  
Handling Method: P  
Specific Gravity: 1  
Waste Code: B  
Quantity: Not reported  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: Not reported

Document ID: 06  
Manifest Status: NYC7862826  
Trans1 State ID: NYR000033357  
Trans2 State ID: Not reported  
Generator Ship Date: OHD980587364  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: TXR000050930  
TSD Site Recv Date: Not reported  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: N  
Trans1 EPA ID: N  
Trans2 EPA ID: N  
TSD ID: N  
Waste Code: N  
Quantity: Not reported  
Units: 1  
Number of Containers: DF  
Container Type: 133  
Handling Method: P  
Specific Gravity: 1  
Waste Code: B  
Quantity: Not reported  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: Not reported

Document ID: 06  
Manifest Status: NYC7862826

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

1004760137

Trans1 State ID: NYR000033357  
Trans2 State ID: Not reported  
Generator Ship Date: OHD980587364  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: TXR000050930  
TSD Site Recv Date: Not reported  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: N  
Trans1 EPA ID: N  
Trans2 EPA ID: N  
TSD ID: N  
Waste Code: N  
Quantity: Not reported  
Units: 1  
Number of Containers: DF  
Container Type: 195  
Handling Method: P  
Specific Gravity: 1  
Waste Code: B  
Quantity: Not reported  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: Not reported

Document ID: 06  
Manifest Status: NYC7862826  
Trans1 State ID: NYR000033357  
Trans2 State ID: Not reported  
Generator Ship Date: OHD980587364  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: TXR000050930  
TSD Site Recv Date: Not reported  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: N  
Trans1 EPA ID: N  
Trans2 EPA ID: N  
TSD ID: N  
Waste Code: N  
Quantity: Not reported  
Units: 1  
Number of Containers: DF  
Container Type: 60  
Handling Method: P  
Specific Gravity: 1  
Waste Code: B  
Quantity: Not reported  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

GRAND CLEANERS (Continued)

1004760137

Year: Not reported

Document ID: 07  
Manifest Status: 000021213SKS  
Trans1 State ID: NYR000033357  
Trans2 State ID: Not reported  
Generator Ship Date: OHD980587364  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: TXR000050930  
TSD Site Recv Date: Not reported  
Part A Recv Date: NJD071629976  
Part B Recv Date: 2007-03-16  
Generator EPA ID: N  
Trans1 EPA ID: N  
Trans2 EPA ID: N  
TSD ID: N  
Waste Code: N  
Quantity: Not reported  
Units: 1  
Number of Containers: DF  
Container Type: 60  
Handling Method: P  
Specific Gravity: 1  
Waste Code: R  
Quantity: D040  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: Not reported

Document ID: 07  
Manifest Status: 000021213SKS  
Trans1 State ID: NYR000033357  
Trans2 State ID: Not reported  
Generator Ship Date: OHD980587364  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: TXR000050930  
TSD Site Recv Date: Not reported  
Part A Recv Date: NJD071629976  
Part B Recv Date: 2007-03-16  
Generator EPA ID: N  
Trans1 EPA ID: N  
Trans2 EPA ID: N  
TSD ID: N  
Waste Code: N  
Quantity: Not reported  
Units: 1  
Number of Containers: DF  
Container Type: 133  
Handling Method: P  
Specific Gravity: 1  
Waste Code: R  
Quantity: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

1004760137

Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: Not reported

Document ID: 07  
Manifest Status: 000021213SKS  
Trans1 State ID: NYR000033357  
Trans2 State ID: Not reported  
Generator Ship Date: OHD980587364  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: TXR000050930  
TSD Site Recv Date: Not reported  
Part A Recv Date: NJD071629976  
Part B Recv Date: 2007-03-16  
Generator EPA ID: N  
Trans1 EPA ID: N  
Trans2 EPA ID: N  
TSD ID: N  
Waste Code: N  
Quantity: Not reported  
Units: 1  
Number of Containers: DF  
Container Type: 193  
Handling Method: P  
Specific Gravity: 1  
Waste Code: R  
Quantity: D040  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: Not reported

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: NJD071629976  
Generator Ship Date: 3/9/2007  
Trans1 Recv Date: 3/9/2007  
Trans2 Recv Date: 3/16/2007  
TSD Site Recv Date: 3/19/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000033357  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587364  
Waste Code: Not reported  
Quantity: 193  
Units: P - Pounds  
Number of Containers: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

**1004760137**

Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 1  
Year: 2007  
Manifest Tracking Num: 000021213SKS  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H020

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: NJD071629976  
Generator Ship Date: 3/9/2007  
Trans1 Recv Date: 3/9/2007  
Trans2 Recv Date: 3/16/2007  
TSD Site Recv Date: 3/19/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000033357  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587364  
Waste Code: Not reported  
Quantity: 60  
Units: P - Pounds  
Number of Containers: 1  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 1  
Year: 2007  
Manifest Tracking Num: 000021213SKS  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

1004760137

Trans2 State ID: NJD071629976  
Generator Ship Date: 3/9/2007  
Trans1 Recv Date: 3/9/2007  
Trans2 Recv Date: 3/16/2007  
TSD Site Recv Date: 3/19/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000033357  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587364  
Waste Code: Not reported  
Quantity: 133  
Units: P - Pounds  
Number of Containers: 1  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 1  
Year: 2007  
Manifest Tracking Num: 000021213SKS  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H020

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: OKD981588791  
Generator Ship Date: 10/11/2007  
Trans1 Recv Date: 10/11/2007  
Trans2 Recv Date: 10/19/2007  
TSD Site Recv Date: 10/22/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000033357  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587364  
Waste Code: Not reported  
Quantity: 133  
Units: P - Pounds  
Number of Containers: 1  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 1  
Year: 2007  
Manifest Tracking Num: 000074197SKS  
Import Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

**1004760137**

Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H020

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: OKD981588791  
Generator Ship Date: 10/11/2007  
Trans1 Recv Date: 10/11/2007  
Trans2 Recv Date: 10/19/2007  
TSD Site Recv Date: 10/22/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000033357  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587364  
Waste Code: Not reported  
Quantity: 60  
Units: P - Pounds  
Number of Containers: 1  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 1  
Year: 2007  
Manifest Tracking Num: 000074197SKS  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H020

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: OKD981588791  
Generator Ship Date: 10/11/2007  
Trans1 Recv Date: 10/11/2007  
Trans2 Recv Date: 10/19/2007  
TSD Site Recv Date: 10/22/2007  
Part A Recv Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

1004760137

Part B Recv Date: Not reported  
Generator EPA ID: NYR000033357  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587364  
Waste Code: Not reported  
Quantity: 195  
Units: P - Pounds  
Number of Containers: 1  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 1  
Year: 2007  
Manifest Tracking Num: 000074197SKS  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H020

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: OKD981588791  
Generator Ship Date: 12/31/2007  
Trans1 Recv Date: 12/31/2007  
Trans2 Recv Date: 1/8/2008  
TSD Site Recv Date: 1/10/2008  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000033357  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587364  
Waste Code: Not reported  
Quantity: 195  
Units: P - Pounds  
Number of Containers: 1  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 1  
Year: 2007  
Manifest Tracking Num: 000956173SKS  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

1004760137

Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H020

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: NYD980769947  
Generator Ship Date: 2009-01-08  
Trans1 Recv Date: 2009-01-08  
Trans2 Recv Date: 2009-01-20  
TSD Site Recv Date: 2009-01-21  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000033357  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587364  
Waste Code: Not reported  
Quantity: 133.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 1.0  
Year: 2009  
Manifest Tracking Num: 001030536SKS  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H020

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: NYD980769947  
Generator Ship Date: 2009-01-08  
Trans1 Recv Date: 2009-01-08  
Trans2 Recv Date: 2009-01-20  
TSD Site Recv Date: 2009-01-21  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000033357  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587364  
Waste Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

1004760137

Quantity: 195.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 1.0  
Year: 2009  
Manifest Tracking Num: 001030536SKS  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H020

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: NYD980769947  
Generator Ship Date: 2009-01-08  
Trans1 Recv Date: 2009-01-08  
Trans2 Recv Date: 2009-01-20  
TSD Site Recv Date: 2009-01-21  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000033357  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587364  
Waste Code: Not reported  
Quantity: 100.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 1.0  
Year: 2009  
Manifest Tracking Num: 001030536SKS  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H020

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

**1004760137**

Document ID: NYC5375518  
Manifest Status: Not reported  
Trans1 State ID: ILD984908202  
Trans2 State ID: SCD987574647  
Generator Ship Date: 09/08/1998  
Trans1 Recv Date: 09/08/1998  
Trans2 Recv Date: 09/10/1998  
TSD Site Recv Date: 09/16/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000033357  
Trans1 EPA ID: OHD980587364  
Trans2 EPA ID: Not reported  
TSD ID: NYAM6252  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 98

[Click this hyperlink](#) while viewing on your computer to access  
47 additional NY\_MANIFEST: record(s) in the EDR Site Report.

**DRYCLEANERS:**

Facility ID: 2-6101-01147  
Phone Number: 718-599-3758  
Region: Not reported  
Registration Effective Date: 10/2/2003  
Inspection Date: 07MAY21  
Install Date: 98  
Drop Shop: Not reported  
Shutdown: Not reported  
Alternate Solvent: Not reported  
Current Business: Not reported

**AIRS (AFS):**

**Airs Minor Details:**

EPA plant ID: 110015655334  
Plant name: PAULINO'S CLEANERS  
Plant address: 765 GRAND ST  
BROOKLYN, NY 112114950  
County: KINGS  
Region code: 02  
Dunn & Bradst #: Not reported  
Air quality cntrl region: 043  
Sic code: 7216  
Sic code desc: DRYCLEANING PLANTS, EXCEPT RUG  
North Am. industrial classf: 812320  
NAIC code description: Drycleaning and Laundry Services (except Coin-Operated)  
Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

1004760137

Current HPV: LOCAL GOVERNMENT  
Not reported

Compliance and Enforcement Major Issues:

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00900  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00900  
Penalty amount: Not reported

Air program: Not reported  
National action type: Not reported  
Date achieved: Not reported  
Penalty amount: Not reported

Air program: Not reported  
National action type: Not reported  
Date achieved: Not reported  
Penalty amount: Not reported

Air program: Not reported  
National action type: Not reported  
Date achieved: Not reported  
Penalty amount: Not reported

Air program: Not reported  
National action type: Not reported  
Date achieved: Not reported  
Penalty amount: Not reported

Air program: Not reported  
National action type: Not reported  
Date achieved: Not reported  
Penalty amount: Not reported

Air program: Not reported  
National action type: Not reported  
Date achieved: Not reported  
Penalty amount: Not reported

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1101  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1102  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1103

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

**1004760137**

Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

1004760137

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1202  
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1203  
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1204  
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1301  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1302  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1303  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1303  
Air prog code hist file: MACT (SECTION 63 NESHAPS)

Compliance & Violation Data by Minor Sources:

Air program code: SIP SOURCE  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT  
Repeat violator date: Not reported  
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT  
Repeat violator date: Not reported  
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT  
Repeat violator date: Not reported  
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND CLEANERS (Continued)**

1004760137

Def. attainment/non attainment: UNCLASSIFIED  
Repeat violator date: Not reported  
Turnover compliance: Not reported

X106  
South  
1/8-1/4  
0.202 mi.  
1065 ft.

**755 REALTY CORP.  
753 GRAND STREET  
BROOKLYN, NY 11211**

NY AST A100292721  
N/A

Site 3 of 4 in cluster X

Relative:  
Higher

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-608530  
Program Type: PBS  
UTM X: 589288.93634000001  
UTM Y: 4507301.0948299998  
Expiration Date: 03/10/2018  
Site Type: Apartment Building/Office Building

Actual:  
41 ft.

Affiliation Records:

Site Id: 30382  
Affiliation Type: Facility Owner  
Company Name: 755 REALTY CORP  
Contact Type: PRES  
Contact Name: 755 REALTY CORP  
Address1: 753 GRAND ST  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 387-8287  
EMail: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 5/13/2014

Site Id: 30382  
Affiliation Type: Mail Contact  
Company Name: ROSARIO GANGI  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 753 GRAND STREET  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 387-8287  
EMail: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 5/13/2014

Site Id: 30382  
Affiliation Type: On-Site Operator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**755 REALTY CORP. (Continued)**

**A100292721**

Company Name: 755 REALTY CORP.  
Contact Type: Not reported  
Contact Name: ROSARIO GANGI  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 387-8287  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 30382  
Affiliation Type: Emergency Contact  
Company Name: ROSARIO GANGI  
Contact Type: Not reported  
Contact Name: ROSARIO GANGI  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 813-5556  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001  
Tank Id: 65285  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None  
G03 - Tank Secondary Containment - Vault (w/o access)  
B05 - Tank External Protection - Jacketed  
H99 - Tank Leak Detection - Other  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping  
A99 - Tank Internal Protection - Other  
C01 - Pipe Location - Aboveground  
I03 - Overfill - Automatic Shut-Off

Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: 01/01/1980  
Capacity Gallons: 1101

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**755 REALTY CORP. (Continued)**

**A100292721**

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: MSBAPTIS  
Last Modified: 05/13/2014  
Material Name: #2 Fuel Oil (On-Site Consumption)

**X107  
South  
1/8-1/4  
0.203 mi.  
1072 ft.**

**770 GRAND ST  
BROOKLYN, NY 11211  
Site 4 of 4 in cluster X**

**EDR US Hist Cleaners 1015094723  
N/A**

**Relative:  
Higher**

EDR Historical Cleaners:

**Actual:  
43 ft.**

Name: 770 GRAND LAUNDRY INC  
Year: 2002  
Address: 770 GRAND ST

Name: BENSON LAUNDROMAT INC  
Year: 2007  
Address: 770 GRAND ST

Name: BENSON LAUNDROMAT INC  
Year: 2008  
Address: 770 GRAND ST

Name: BENSON LAUNDROMAT INC  
Year: 2009  
Address: 770 GRAND ST

Name: BENSON LAUNDROMAT INC  
Year: 2010  
Address: 770 GRAND ST

Name: ERIC & NANA LAUNDROMAT  
Year: 2010  
Address: 770 GRAND ST

Name: BENSON LAUNDROMAT INC  
Year: 2011  
Address: 770 GRAND ST

Name: BENSON LAUNDROMAT INC  
Year: 2012  
Address: 770 GRAND ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

Y108  
NNW  
1/8-1/4  
0.210 mi.  
1109 ft.

425 GRAHAM AVE  
BROOKLYN, NY 11211

EDR US Hist Cleaners

1015059608  
N/A

Site 1 of 2 in cluster Y

Relative:  
Lower

EDR Historical Cleaners:

Name: THE LAUNDRY  
Year: 2005  
Address: 425 GRAHAM AVE

Actual:  
18 ft.

Name: LAUNDRY ON GRAHAM  
Year: 2005  
Address: 425 GRAHAM AVE

Name: LAUNDRY ON GRAHAM  
Year: 2006  
Address: 425 GRAHAM AVE

Name: LAUNDRY ON GRAHAM  
Year: 2007  
Address: 425 GRAHAM AVE

Name: LAUNDRY ON GRAHAM  
Year: 2008  
Address: 425 GRAHAM AVE

Name: LAUNDRY ON GRAHAMS  
Year: 2009  
Address: 425 GRAHAM AVE

Name: LAUNDRY  
Year: 2010  
Address: 425 GRAHAM AVE

T109  
SSW  
1/8-1/4  
0.211 mi.  
1112 ft.

DIME SAVINGS BANK  
726 GRAND STREET  
BROOKLYN, NY 11211

NY HIST UST

U002034198  
N/A

Site 2 of 3 in cluster T

Relative:  
Higher

HIST UST:

PBS Number: 2-601850  
SPDES Number: Not reported  
Emergency Contact: MR. LENNOX DEBRA  
Emergency Telephone: (516) 568-3886  
Operator: MR. LENNOX DEBRA  
Operator Telephone: (516) 568-3886  
Owner Name: DIME SAVINGS BANK, FSB  
Owner Address: 400 SUNRISE HIGHWAY  
Owner City,St,Zip: VALLEY STREAM, NY 11582  
Owner Telephone: (516) 568-3886  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Name: DIME SAVINGS BANK, FSB  
Mailing Address: 400 SUNRISE HIGHWAY  
Mailing Address 2: Not reported  
Mailing City,St,Zip: VALLEY STREAM, NY 11582  
Mailing Contact: MR. LENNOX DEBRA  
Mailing Telephone: (516) 568-3886

Actual:  
39 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DIME SAVINGS BANK (Continued)**

**U002034198**

Owner Mark: Second Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Facility Addr2: Not reported  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: UTILITY  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: 07/30/1999  
Expiration Date: 07/06/2004  
Renew Flag: False  
Renewal Date: Not reported  
Total Capacity: 3000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: No Missing Data  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2  
  
Tank Id: 001  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (gals): 1500  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: None  
Pipe Location: Underground  
Pipe Type: GALVANIZED STEEL  
Pipe Internal: None  
Pipe External: None  
Second Containment: None  
Leak Detection: None  
Overfill Prot: None  
Dispenser: Suction  
Date Tested: 03/01/1999  
Next Test Date: 03/01/2004  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Horner EZ Check  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DIME SAVINGS BANK (Continued)**

**U002034198**

Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (gals): 1500  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: None  
Pipe Location: Underground  
Pipe Type: GALVANIZED STEEL  
Pipe Internal: None  
Pipe External: None  
Second Containment: None  
Leak Detection: None  
Overfill Prot: None  
Dispenser: Suction  
Date Tested: 03/01/1999  
Next Test Date: 03/01/2004  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Horner EZ Check  
Deleted: False  
Updated: True  
Lat/long: Not reported

**T110 CHASE BANK**  
**SSW 726 GRAND STREET**  
**1/8-1/4 BROOKLYN, NY 11211**  
**0.211 mi.**  
**1112 ft. Site 3 of 3 in cluster T**

**NY UST U004198821**  
**N/A**

**Relative:**  
**Higher**

UST:  
Id/Status: 2-601850 / Unregulated/Closed  
Program Type: PBS  
Region: STATE  
DEC Region: 2  
Expiration Date: 07/06/2004  
UTM X: 589242.71545000002  
UTM Y: 4507247.8195200004  
Site Type: Utility (Other than Municipal)

**Actual:**  
**39 ft.**

**Tank Info:**

Tank Number: 001  
Tank ID: 48070  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 1500  
Install Date: Not reported  
Date Tank Closed: 03/01/1999  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Tightness Test Method: 03  
Date Test: 03/01/1999  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHASE BANK (Continued)**

**U004198821**

Last Modified: 01/14/2010

Tank Number: 002  
Tank ID: 48071  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 1500  
Install Date: Not reported  
Date Tank Closed: 03/01/1999  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Tightness Test Method: 03  
Date Test: 03/01/1999  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 01/14/2010

Z111  
SSE  
1/8-1/4  
0.211 mi.  
1113 ft.

**802 GRAND ST  
BROOKLYN, NY 11211**

**EDR US Hist Cleaners 1015097137  
N/A**

**Site 1 of 8 in cluster Z**

**Relative:  
Higher**

EDR Historical Cleaners:  
Name: Y & Y CLEANERS  
Year: 2001  
Address: 802 GRAND ST

**Actual:  
46 ft.**

Name: Y & Y CLEANERS  
Year: 2002  
Address: 802 GRAND ST

Z112  
SSE  
1/8-1/4  
0.211 mi.  
1113 ft.

**RHEE & NURY'S/Y&Y CLEANERS  
802 GRAND STREET  
BROOKLYN, NY 11211**

**NY DRYCLEANERS S110247774  
N/A**

**Site 2 of 8 in cluster Z**

**Relative:  
Higher**

DRYCLEANERS:  
Facility ID: 2-6101-00356  
Phone Number: 718-387-6033  
Region: Not reported  
Registration Effective Date: 10/5/2001 14:56:57:076  
Inspection Date: 04JUN3  
Install Date: 91  
Drop Shop: Not reported  
Shutdown: Y  
Alternate Solvent: Not reported  
Current Business: Not reported

**Actual:  
46 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

Z113  
SSE  
1/8-1/4  
0.211 mi.  
1113 ft.

**RHEE & NURYS DRY CLEANERS**  
**802 GRAND ST**  
**BROOKLYN, NY 11211**

**RCRA NonGen / NLR**  
**FINDS**  
**NY MANIFEST**

**1004756817**  
**NYD982271769**

**Site 3 of 8 in cluster Z**

**Relative:**  
**Higher**

RCRA NonGen / NLR:

**Actual:**  
**46 ft.**

Date form received by agency: 01/01/2007  
Facility name: RHEE & NURYS DRY CLEANERS  
Facility address: 802 GRAND ST  
BROOKLYN, NY 11211  
EPA ID: NYD982271769  
Mailing address: GRAND ST  
BROOKLYN, NY 11211  
Contact: WARN SEUP RHEE  
Contact address: GRAND ST  
BROOKLYN, NY 11211  
Contact country: US  
Contact telephone: (718) 387-6033  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: SABATINO NAPOLITANO  
Owner/operator address: 84-27 149TH AVE  
HOWARD BEACH, NY 11414  
Owner/operator country: US  
Owner/operator telephone: (718) 738-5690  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/2001  
Owner/Op end date: Not reported

Owner/operator name: SABATINO NAPOLITANO  
Owner/operator address: 84-27 149TH AVE  
HOWARD BEACH, NY 11414  
Owner/operator country: US  
Owner/operator telephone: (718) 738-5690  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/2001  
Owner/Op end date: Not reported

Owner/operator name: SABATINO NAPOLITANO  
Owner/operator address: 84-27 149TH AVE  
HOWARD BEACH, NY 11414  
Owner/operator country: Not reported  
Owner/operator telephone: (718) 738-5690  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE & NURYS DRY CLEANERS (Continued)**

**1004756817**

Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Site name: RHEE & NURYS DRY CLEANERS  
Classification: Not a generator, verified

Date form received by agency: 01/29/2002  
Site name: RHEE & NURYS DRY CLEANERS  
Classification: Small Quantity Generator

Date form received by agency: 06/06/2000  
Site name: RHEE & NURYS DRY CLEANERS  
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D000  
Waste name: Not Defined

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D007  
Waste name: CHROMIUM

Waste code: D008  
Waste name: LEAD

Waste code: D039  
Waste name: TETRACHLOROETHYLENE

Waste code: D040  
Waste name: TRICHLOROETHYLENE

Waste code: F002  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE & NURYS DRY CLEANERS (Continued)**

**1004756817**

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.

Violation Status: No violations found

**FINDS:**

Registry ID: 110007155103

**Environmental Interest/Information System**

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Registry ID: 110004417596

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**NY MANIFEST:**

EPA ID: NYD982271769  
Country: USA

**Mailing Info:**

Name: Y & Y CLNRS  
Contact: Y & Y CLNRS  
Address: 802 GRAND STREET  
City/State/Zip: BROOKLYN, NY 11211  
Country: USA  
Phone: 718-387-6033

Document ID: NYA8787824  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: NY16549GW  
Trans2 State ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE & NURYS DRY CLEANERS (Continued)**

**1004756817**

Generator Ship Date: 880428  
Trans1 Recv Date: 880428  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 880428  
Part A Recv Date: 880620  
Part B Recv Date: 880502  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 88

Document ID: NYA8772221  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: NY16549IL  
Trans2 State ID: Not reported  
Generator Ship Date: 880328  
Trans1 Recv Date: 880328  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 880328  
Part A Recv Date: 880516  
Part B Recv Date: 880404  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 88

Document ID: NYA8902113  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: NYAM6252  
Trans2 State ID: Not reported  
Generator Ship Date: 880627  
Trans1 Recv Date: 880627  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 880627  
Part A Recv Date: 880817  
Part B Recv Date: 880706  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE & NURYS DRY CLEANERS (Continued)**

**1004756817**

TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 88

Document ID: NYA8624327  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: NY16549GW  
Trans2 State ID: Not reported  
Generator Ship Date: 880111  
Trans1 Recv Date: 880111  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 880111  
Part A Recv Date: 880216  
Part B Recv Date: 880120  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 88

Document ID: NYA8960207  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: NYAM6252  
Trans2 State ID: Not reported  
Generator Ship Date: 880722  
Trans1 Recv Date: 880722  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 880722  
Part A Recv Date: 880912  
Part B Recv Date: 880729  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 88

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE & NURYS DRY CLEANERS (Continued)**

**1004756817**

Document ID: NYC1372533  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 911227  
Trans1 Recv Date: 911227  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 911227  
Part A Recv Date: 920107  
Part B Recv Date: 920108  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 91

Document ID: NYC1104208  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: LP3931NY  
Trans2 State ID: Not reported  
Generator Ship Date: 910724  
Trans1 Recv Date: 910724  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 910724  
Part A Recv Date: 910927  
Part B Recv Date: 910801  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 91

Document ID: NYC3526446  
Manifest Status: Completed copy  
Trans1 State ID: JE4550NY  
Trans2 State ID: Not reported  
Generator Ship Date: 950330  
Trans1 Recv Date: 950330  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950330  
Part A Recv Date: 950412

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE & NURYS DRY CLEANERS (Continued)**

**1004756817**

Part B Recv Date: 950406  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

Document ID: NYA9071763  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: LP3931  
Trans2 State ID: Not reported  
Generator Ship Date: 881017  
Trans1 Recv Date: 881017  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 881017  
Part A Recv Date: 881206  
Part B Recv Date: 881024  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 88

Document ID: NYA9166252  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: LP3931  
Trans2 State ID: Not reported  
Generator Ship Date: 881206  
Trans1 Recv Date: 881206  
Trans2 Recv Date: 881206  
TSD Site Recv Date: 881206  
Part A Recv Date: 890126  
Part B Recv Date: 881213  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE & NURYS DRY CLEANERS (Continued)**

**1004756817**

Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 88

Document ID: NYC1040589  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 911119  
Trans1 Recv Date: 911119  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 911119  
Part A Recv Date: Not reported  
Part B Recv Date: 911126  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 91

Document ID: NYC1443317  
Manifest Status: Completed copy  
Trans1 State ID: LP3931NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920123  
Trans1 Recv Date: 920123  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920123  
Part A Recv Date: 920130  
Part B Recv Date: 920131  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1551014  
Manifest Status: Completed copy  
Trans1 State ID: LP3931NY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE & NURYS DRY CLEANERS (Continued)**

**1004756817**

Trans2 State ID: Not reported  
Generator Ship Date: 920406  
Trans1 Recv Date: 920406  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920406  
Part A Recv Date: 920420  
Part B Recv Date: 920415  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1528716  
Manifest Status: Completed copy  
Trans1 State ID: LP3931NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920313  
Trans1 Recv Date: 920313  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920313  
Part A Recv Date: 920323  
Part B Recv Date: 920323  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1625117  
Manifest Status: Completed copy  
Trans1 State ID: HW8207NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920515  
Trans1 Recv Date: 920515  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920515  
Part A Recv Date: Not reported  
Part B Recv Date: 920602  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE & NURYS DRY CLEANERS (Continued)**

**1004756817**

Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC2046756  
Manifest Status: Completed copy  
Trans1 State ID: HW8207NY  
Trans2 State ID: Not reported  
Generator Ship Date: 921209  
Trans1 Recv Date: 921209  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 921209  
Part A Recv Date: 921222  
Part B Recv Date: 921217  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1937597  
Manifest Status: Completed copy  
Trans1 State ID: HW8207NY  
Trans2 State ID: Not reported  
Generator Ship Date: 921112  
Trans1 Recv Date: 921112  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 921112  
Part A Recv Date: 921125  
Part B Recv Date: 921120  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE & NURYS DRY CLEANERS (Continued)**

**1004756817**

Year: 92

Document ID: NYC3428684  
Manifest Status: Completed copy  
Trans1 State ID: JE4550NY  
Trans2 State ID: Not reported  
Generator Ship Date: 950201  
Trans1 Recv Date: 950201  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950201  
Part A Recv Date: 950209  
Part B Recv Date: 950210  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

Document ID: NYC3885423  
Manifest Status: Completed copy  
Trans1 State ID: JE4550NY  
Trans2 State ID: Not reported  
Generator Ship Date: 950524  
Trans1 Recv Date: 950524  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950524  
Part A Recv Date: 950602  
Part B Recv Date: 950606  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

Document ID: NYC3909363  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 950913  
Trans1 Recv Date: 950913

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE & NURYS DRY CLEANERS (Continued)**

**1004756817**

Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950913  
Part A Recv Date: 950921  
Part B Recv Date: 950922  
Generator EPA ID: NYD982271769  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

[Click this hyperlink](#) while viewing on your computer to access  
84 additional NY\_MANIFEST: record(s) in the EDR Site Report.

AA114  
SW  
1/8-1/4  
0.212 mi.  
1117 ft.

**NYNEX  
MANHATTAN AVE & POWERS ST  
BROOKLYN, NY 11220**

**NY MANIFEST 1009233451  
N/A**

**Site 1 of 2 in cluster AA**

**Relative:  
Lower**

NY MANIFEST:  
EPA ID: NYP000915470  
Country: USA

**Actual:  
36 ft.**

Mailing Info:  
Name: NYNEX  
Contact: STEVEN DORNFEST  
Address: 1095 AVE OF AMER  
City/State/Zip: NEW YORK, NY 10036  
Country: USA  
Phone: 718-604-8990

Document ID: CTF0204690  
Manifest Status: Completed copy  
Trans1 State ID: XW51DVNJ  
Trans2 State ID: Not reported  
Generator Ship Date: 940616  
Trans1 Recv Date: 940616  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 940617  
Part A Recv Date: 940811  
Part B Recv Date: 940707  
Generator EPA ID: NYP000915470  
Trans1 EPA ID: MAD039322250  
Trans2 EPA ID: Not reported  
TSD ID: CTD000604488  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 00003  
Units: Y - Cubic yards\* (.85 tons)  
Number of Containers: 001  
Container Type: DT - Dump trucks

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NYNEX (Continued)**

**1009233451**

Handling Method: T Chemical, physical, or biological treatment.  
 Specific Gravity: 100  
 Year: 94

**V115**  
**East**  
**1/8-1/4**  
**0.213 mi.**  
**1126 ft.**

**CONSOLIDATED EDISON**  
**909 METROPOLITAN AVE**  
**BROOKLYN, NY 11211**

**NY MANIFEST S110046059**  
**N/A**

**Site 4 of 5 in cluster V**

**Relative:**  
**Lower**

NY MANIFEST:  
 EPA ID: NYP004186011  
 Country: USA

**Actual:**  
**28 ft.**

Mailing Info:  
 Name: CONSOLIDATED EDISON  
 Contact: FRANKLYN MURRAY  
 Address: 4 IRVING PLACE RM 828  
 City/State/Zip: NEW YORK, NY 10003  
 Country: USA  
 Phone: 212-460-2808

Document ID: Not reported  
 Manifest Status: Not reported  
 Trans1 State ID: NJD003812047  
 Trans2 State ID: Not reported  
 Generator Ship Date: 2009-08-05  
 Trans1 Recv Date: 2009-08-05  
 Trans2 Recv Date: Not reported  
 TSD Site Recv Date: 2009-08-06  
 Part A Recv Date: Not reported  
 Part B Recv Date: Not reported  
 Generator EPA ID: NYP004186011  
 Trans1 EPA ID: Not reported  
 Trans2 EPA ID: Not reported  
 TSD ID: NJD991291105  
 Waste Code: Not reported  
 Quantity: 400.0  
 Units: G - Gallons (liquids only)\* (8.3 pounds)  
 Number of Containers: 1.0  
 Container Type: TT - Cargo tank, tank trucks  
 Handling Method: T Chemical, physical, or biological treatment.  
 Specific Gravity: 1.0  
 Year: 2009  
 Manifest Tracking Num: 000894673GBF  
 Import Ind: N  
 Export Ind: N  
 Discr Quantity Ind: N  
 Discr Type Ind: N  
 Discr Residue Ind: N  
 Discr Partial Reject Ind: N  
 Discr Full Reject Ind: N  
 Manifest Ref Num: Not reported  
 Alt Fac RCRA Id: Not reported  
 Alt Fac Sign Date: Not reported  
 Mgmt Method Type Code: H111

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CONSOLIDATED EDISON (Continued)**

**S110046059**

Document ID: Not reported  
 Manifest Status: Not reported  
 Trans1 State ID: NJD003812047  
 Trans2 State ID: Not reported  
 Generator Ship Date: 2009-08-05  
 Trans1 Recv Date: 2009-08-05  
 Trans2 Recv Date: Not reported  
 TSD Site Recv Date: 2009-08-06  
 Part A Recv Date: Not reported  
 Part B Recv Date: Not reported  
 Generator EPA ID: NYP004186011  
 Trans1 EPA ID: Not reported  
 Trans2 EPA ID: Not reported  
 TSD ID: NJD991291105  
 Waste Code: Not reported  
 Quantity: 400.0  
 Units: G - Gallons (liquids only)\* (8.3 pounds)  
 Number of Containers: 1.0  
 Container Type: TT - Cargo tank, tank trucks  
 Handling Method: T Chemical, physical, or biological treatment.  
 Specific Gravity: 1.0  
 Year: 2009  
 Manifest Tracking Num: 000894673GBF  
 Import Ind: N  
 Export Ind: N  
 Discr Quantity Ind: N  
 Discr Type Ind: N  
 Discr Residue Ind: N  
 Discr Partial Reject Ind: N  
 Discr Full Reject Ind: N  
 Manifest Ref Num: Not reported  
 Alt Fac RCRA Id: Not reported  
 Alt Fac Sign Date: Not reported  
 Mgmt Method Type Code: H111

V116  
 East  
 1/8-1/4  
 0.213 mi.  
 1126 ft.

**CON EDISON - MANHOLE 4964**  
**909 METROPOLITAN AVE**  
**BROOKLYN, NY 11211**  
**Site 5 of 5 in cluster V**

**RCRA-LQG 1014396337**  
**NJ MANIFEST NYP004186011**

**Relative:**  
**Lower**

RCRA-LQG:  
 Date form received by agency: 03/23/2010  
 Facility name: CON EDISON - MANHOLE 4964  
 Facility address: 909 METROPOLITAN AVE  
 BROOKLYN, NY 11211

**Actual:**  
**28 ft.**

EPA ID: NYP004186011  
 Mailing address: 4 IRVING PLACE  
 NEW YORK, NY 10003  
 Contact: FRANKLYN MURRAY  
 Contact address: Not reported  
 Not reported  
 Contact country: Not reported  
 Contact telephone: (212) 460-2808  
 Contact email: MURRAYFR@CONED.COM  
 EPA Region: 02  
 Classification: Large Quantity Generator  
 Description: Handler: generates 1,000 kg or more of hazardous waste during any

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CON EDISON - MANHOLE 4964 (Continued)**

**1014396337**

calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.  
Owner/operator address: 4 IRVING PLACE  
NEW YORK, NY 10003  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 07/23/2009  
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.  
Owner/operator address: 4 IRVING PLACE  
NEW YORK, NY 10003  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 07/23/2009  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 07/23/2009  
Site name: CON EDISON  
Classification: Conditionally Exempt Small Quantity Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CON EDISON - MANHOLE 4964 (Continued)**

**1014396337**

Hazardous Waste Summary:

Waste code: D008  
Waste name: LEAD

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004186011  
Mail Address: 4 IRVING PL, RM 828  
Mail City/State/Zip: NEW YORK, NY 10003  
Facility Phone: Not reported  
Emergency Phone: Not reported  
Contact: CAROLINE ISKANDER  
Comments: Not reported  
SIC Code: Not reported  
County: NY047  
Municipal: Not reported  
Previous EPA Id: Not reported  
Gen Flag: Not reported  
Trans Flag: Not reported  
TSD Flag: Not reported  
Name Change: Not reported  
Date Change: Not reported

Manifest:

Manifest Number: 000894673GBF  
EPA ID: NYP004186011  
Date Shipped: 08/05/2009  
TSD EPA ID: NJD991291105  
Transporter EPA ID: NJD003812047  
Transporter 2 EPA ID: Not reported  
Transporter 3 EPA ID: Not reported  
Transporter 4 EPA ID: Not reported  
Transporter 5 EPA ID: Not reported  
Transporter 6 EPA ID: Not reported  
Transporter 7 EPA ID: Not reported  
Transporter 8 EPA ID: Not reported  
Transporter 10 EPA ID: Not reported  
Date Trans1 Transported Waste: 08/05/2009  
Date Trans2 Transported Waste: Not reported  
Date Trans3 Transported Waste: Not reported  
Date Trans4 Transported Waste: Not reported  
Date Trans5 Transported Waste: Not reported  
Date Trans6 Transported Waste: Not reported  
Date Trans7 Transported Waste: Not reported  
Date Trans8 Transported Waste: Not reported  
Date Trans9 Transported Waste: Not reported  
Date Trans10 Transported Waste: Not reported  
Date TSD Received Waste: 08/06/2009  
TSD EPA Facility Name: Not reported  
QTY Units: Not reported  
Transporter SEQ ID: Not reported  
Transporter-1 Date: Not reported  
Waste SEQ ID: Not reported  
Waste Type Code 2: Not reported  
Waste Type Code 3: Not reported  
Waste Type Code 4: Not reported  
Waste Type Code 5: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CON EDISON - MANHOLE 4964 (Continued)**

**1014396337**

Waste Type Code 6: Not reported  
Date Accepted: Not reported  
Manifest Discrepancy Type: Not reported  
Data Entry Number: Not reported  
Was Load Rejected: NEW YORK, NY 10003  
Reason Load Was Rejected: Not reported

Waste:  
Manifest Year: 2009 New Jersey Manifest Data  
Waste Code: D008  
Hand Code: H111  
Quantity: 400 G

Z117  
SSE  
1/8-1/4  
0.216 mi.  
1142 ft.

**CON EDISON  
FRONT OF 812 GRAND ST  
BROOKLYN, NY 11211**

**NY MANIFEST S116293416  
N/A**

**Site 4 of 8 in cluster Z**

**Relative:  
Higher**

NY MANIFEST:  
EPA ID: NYP004445862  
Country: USA

**Actual:  
47 ft.**

Mailing Info:  
Name: CON EDISON  
Contact: CON EDISON  
Address: 4 IRVING PLACE  
Address 2: 15TH FL  
City/State/Zip: NEW YORK, NY 10003  
Country: USA  
Phone: Not reported

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD003812047  
Trans2 State ID: Not reported  
Generator Ship Date: 2014-02-19  
Trans1 Recv Date: 2014-02-19  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2014-02-24  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004445862  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD991291105  
Waste Code: Not reported  
Quantity: 80  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 1  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1  
Year: 2014  
Manifest Tracking Num: 002219892GBF

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CON EDISON (Continued)

S116293416

Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H110

Z118  
SSE  
1/8-1/4  
0.218 mi.  
1153 ft.

JP MORGAN CHASE AND COMPANY  
819 GRAND STREET  
BROOKLYN, NY 11211

NY AST A100300930  
N/A

Site 5 of 8 in cluster Z

Relative:  
Higher

AST:

Region: STATE  
DEC Region: 2  
Site Status: Unregulated/Closed  
Facility Id: 2-601809  
Program Type: PBS  
UTM X: 589521.54278999998  
UTM Y: 4507291.4689499997  
Expiration Date: 09/30/2007  
Site Type: Other

Actual:  
46 ft.

Affiliation Records:

Site Id: 23771  
Affiliation Type: Facility Owner  
Company Name: JP MORGAN CHASE AND COMPANY  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 575 WASHINGTON BOULEVARD, FOURTH FLOOR  
Address2: Not reported  
City: JERSEY CITY  
State: NJ  
Zip Code: 07310-1680  
Country Code: 001  
Phone: (201) 595-5851  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 23771  
Affiliation Type: Mail Contact  
Company Name: JP MORGAN CHASE AND COMPANY  
Contact Type: Not reported  
Contact Name: JAMES S. LISCIOTTO  
Address1: 575 WASHINGTON BOULEVARD  
Address2: FOURTH FLOOR  
City: JERSEY CITY  
State: NJ  
Zip Code: 07310-1680  
Country Code: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JP MORGAN CHASE AND COMPANY (Continued)**

**A100300930**

Phone: (201) 595-5851  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 23771  
Affiliation Type: On-Site Operator  
Company Name: JP MORGAN CHASE AND COMPANY  
Contact Type: Not reported  
Contact Name: JAMES S. LISCIOTTO  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (201) 595-5851  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 23771  
Affiliation Type: Emergency Contact  
Company Name: JP MORGAN CHASE AND COMPANY  
Contact Type: Not reported  
Contact Name: JAMES S. LISCIOTTO  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (201) 595-5851  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001  
Tank Id: 47898  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
B00 - Tank External Protection - None  
G00 - Tank Secondary Containment - None  
I00 - Overfill - None  
C01 - Pipe Location - Aboveground  
F01 - Pipe External Protection - Painted/Asphalt Coating

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JP MORGAN CHASE AND COMPANY (Continued)**

**A100300930**

H00 - Tank Leak Detection - None  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: 01/01/2002  
Capacity Gallons: 2500  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 11/23/2002  
Register: True  
Modified By: TRANSLAT  
Last Modified: 03/04/2004  
Material Name: #2 Fuel Oil (On-Site Consumption)

**Z119**  
**SSE**  
**1/8-1/4**  
**0.219 mi.**  
**1156 ft.**

**NYNEX**  
**BUSHWICK AVE & GRAND ST**  
**BROOKLYN, NY 11201**  
**Site 6 of 8 in cluster Z**

**NY MANIFEST 1009233840**  
**N/A**

**Relative:**  
**Higher**

NY MANIFEST:  
EPA ID: NYP000921718  
Country: USA

**Actual:**  
**46 ft.**

Mailing Info:  
Name: NYNEX  
Contact: SUSHMITA BISWAS  
Address: 221 EAST 37TH STREET  
City/State/Zip: NEW YORK, NY 10016  
Country: USA  
Phone: 212-338-7126

Document ID: MOA0926950  
Manifest Status: Completed copy  
Trans1 State ID: H1144  
Trans2 State ID: Not reported  
Generator Ship Date: 950926  
Trans1 Recv Date: 950926  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950929  
Part A Recv Date: Not reported  
Part B Recv Date: 951019  
Generator EPA ID: NYP000921718  
Trans1 EPA ID: MOD095038998  
Trans2 EPA ID: Not reported  
TSD ID: MOD980962849  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00300  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00300

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYNEX (Continued)**

**1009233840**

Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00300  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00300  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00350  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00150  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

Document ID: MOA0926950  
Manifest Status: Completed copy  
Trans1 State ID: H1144  
Trans2 State ID: Not reported  
Generator Ship Date: 950926  
Trans1 Recv Date: 950926  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950929  
Part A Recv Date: Not reported  
Part B Recv Date: 951019  
Generator EPA ID: NYP000921718  
Trans1 EPA ID: MOD095038998  
Trans2 EPA ID: Not reported  
TSD ID: MOD980962849  
Waste Code: D016 - 2,4-D 10.0 MG/L TCLP  
Quantity: 00100  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYNEX (Continued)**

**1009233840**

Waste Code: Not reported  
Quantity: 00020  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00020  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

Document ID: MIA4133825  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: Not reported  
Trans2 State ID: Not reported  
Generator Ship Date: 950829  
Trans1 Recv Date: 950829  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950906  
Part A Recv Date: Not reported  
Part B Recv Date: 950925  
Generator EPA ID: NYP000921718  
Trans1 EPA ID: NYD010951986  
Trans2 EPA ID: NYD046765574  
TSDf ID: MID096963194  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 02000  
Units: P - Pounds  
Number of Containers: 005  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

**Z120**  
**SSE**  
**1/8-1/4**  
**0.219 mi.**  
**1157 ft.**

**MTA NYCT - GRAND STREET STATION - L LINE**  
**GRAND ST & BUSHWICK AVE**  
**BROOKLYN, NY 11211**  
**Site 7 of 8 in cluster Z**

**RCRA-SQG 1016455589**  
**NYR000206920**

**Relative:**  
**Higher**

RCRA-SQG:  
Date form received by agency: 01/23/2014  
Facility name: MTA NYCT - GRAND STREET STATION - L LINE  
Facility address: GRAND ST & BUSHWICK AVE  
BROOKLYN, NY 11211  
EPA ID: NYR000206920  
Mailing address: BROADWAY 5TH FL 503  
NEW YORK, NY 10004  
Contact: GERALD LEZEAU  
Contact address: BROADWAY 5TH FL 503  
NEW YORK, NY 10004  
Contact country: US

**Actual:**  
**46 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MTA NYCT - GRAND STREET STATION - L LINE (Continued)**

**1016455589**

Contact telephone: (646) 252-3535  
Contact email: GERALD.LEZEAU@NYCT.COM  
EPA Region: 02  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MTA NYCT  
Owner/operator address: BROADWAY 5TH FL 503  
NEW YORK, NY 10004  
Owner/operator country: US  
Owner/operator telephone: (646) 252-3535  
Legal status: State  
Owner/Operator Type: Owner  
Owner/Op start date: 03/01/1968  
Owner/Op end date: Not reported

Owner/operator name: MTA NYCT  
Owner/operator address: Not reported  
Not reported

Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: State  
Owner/Operator Type: Operator  
Owner/Op start date: 03/01/1968  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D008  
Waste name: LEAD

Violation Status: No violations found

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

AA121 TARASHINSKY MDSE CO INC  
SW 254 MANHATTAN AVE  
1/8-1/4 BROOKLYN, NY 11211  
0.220 mi.  
1161 ft. Site 2 of 2 in cluster AA

NY UST U004048452  
N/A

Relative:  
Lower

UST:  
Id/Status: 2-290297 / Unregulated/Closed  
Program Type: PBS  
Region: STATE  
DEC Region: 2  
Expiration Date: 08/24/2002  
UTM X: 589090.45854999998  
UTM Y: 4507299.2268599998  
Site Type: Other

Actual:  
36 ft.

Affiliation Records:  
Site Id: 13111  
Affiliation Type: Facility Owner  
Company Name: TARASHINSKY MDSE CO INC  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 254 MANHATTAN AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 387-8583  
EMail: Not reported  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 12/15/2004

Site Id: 13111  
Affiliation Type: Mail Contact  
Company Name: TARASHINSKY MDSE CO INC  
Contact Type: Not reported  
Contact Name: RICHARD TARIN  
Address1: 254 MANHATTAN AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 387-8583  
EMail: Not reported  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 12/15/2004

Site Id: 13111  
Affiliation Type: On-Site Operator  
Company Name: TARASHINSKY MDSE CO INC  
Contact Type: Not reported  
Contact Name: TARASHINSKY MDSE CO INC  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TARASHINSKY MDSE CO INC (Continued)**

**U004048452**

Zip Code: Not reported  
Country Code: 001  
Phone: (718) 387-8583  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 13111  
Affiliation Type: Emergency Contact  
Company Name: TARASHINSKY MDSE CO INC  
Contact Type: Not reported  
Contact Name: RICHARD TARIN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (516) 379-9317  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001  
Tank ID: 18962  
Tank Status: Closed - In Place  
Material Name: Closed - In Place  
Capacity Gallons: 2000  
Install Date: Not reported  
Date Tank Closed: 06/28/2002  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21  
Date Test: 06/18/2002  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
C02 - Pipe Location - Underground/On-ground  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
B00 - Tank External Protection - None  
H00 - Tank Leak Detection - None

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**Z122**  
**SSE**  
**1/8-1/4**  
**0.225 mi.**  
**1187 ft.**

**100 BUSHWICK AVE**  
**BROOKLYN, NY 11206**

**Site 8 of 8 in cluster Z**

**EDR US Hist Auto Stat**    **1015117706**  
**N/A**

**Relative:**  
**Higher**

EDR Historical Auto Stations:  
Name:                    NEW EASTERN CAR & LIMO SERVICE  
Year:                     2000  
Address:                 100 BUSHWICK AVE

**Actual:**  
**47 ft.**

**123**  
**ESE**  
**1/8-1/4**  
**0.225 mi.**  
**1189 ft.**

**ST NICHOLAS R C CHURCH**  
**26 OLIVE ST**  
**BROOKLYN, NY 11211**

**NY AST**    **U003386427**  
**NY HIST AST**    **N/A**

**Relative:**  
**Lower**

AST:  
Region:                    STATE  
DEC Region:              2  
Site Status:               Active  
Facility Id:               2-241253  
Program Type:            PBS  
UTM X:                    589681.77517000004  
UTM Y:                    4507453.8023800002  
Expiration Date:         06/30/2007  
Site Type:                School

Affiliation Records:  
Site Id:                    9181  
Affiliation Type:         Facility Owner  
Company Name:           ST NICHOLAS R C CHURCH  
Contact Type:            Not reported  
Contact Name:            Not reported  
Address1:                 26 OLIVE ST  
Address2:                 Not reported  
City:                       BROOKLYN  
State:                      NY  
Zip Code:                 11211  
Country Code:            001  
Phone:                     (718) 388-1420  
EMail:                     Not reported  
Fax Number:              Not reported  
Modified By:              TRANSLAT  
Date Last Modified:     3/4/2004

**Actual:**  
**33 ft.**

Site Id:                    9181  
Affiliation Type:         Mail Contact  
Company Name:           ST NICHOLAS R C CHURCH  
Contact Type:            Not reported  
Contact Name:            REV. KENNETH J. GRANDE  
Address1:                 26 OLIVE ST  
Address2:                 Not reported  
City:                       BROOKLYN  
State:                      NY  
Zip Code:                 11211  
Country Code:            001  
Phone:                     (718) 388-1420  
EMail:                     Not reported  
Fax Number:              Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST NICHOLAS R C CHURCH (Continued)**

**U003386427**

Modified By: TRANSLAT  
Date Last Modified: 3/4/2004  
  
Site Id: 9181  
Affiliation Type: On-Site Operator  
Company Name: ST NICHOLAS R C CHURCH  
Contact Type: Not reported  
Contact Name: MARIO A. CASRTO  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 388-1420  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 9181  
Affiliation Type: Emergency Contact  
Company Name: ST NICHOLAS R C CHURCH  
Contact Type: Not reported  
Contact Name: KENNETH J. GRANDE  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 388-1420  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001  
Tank Id: 9924  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
G03 - Tank Secondary Containment - Vault (w/o access)  
H04 - Tank Leak Detection - Groundwater Well  
D00 - Pipe Type - No Piping  
B00 - Tank External Protection - None

Tank Location: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST NICHOLAS R C CHURCH (Continued)**

**U003386427**

Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 4000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: TRANSLAT  
Last Modified: 03/04/2004  
Material Name: #2 Fuel Oil (On-Site Consumption)

**HIST AST:**

PBS Number: 2-241253  
SWIS Code: 6101  
Operator: LUIS CORREA  
Facility Phone: (718) 388-1420  
Facility Addr2: 26 OLIVE ST  
Facility Type: OTHER  
Emergency: PEDRO N. OSSA  
Emergency Tel: (718) 388-1420  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: ST NICHOLAS R C CHURCH  
Owner Address: 26 OLIVE ST  
Owner City,St,Zip: BROOKLYN, NY 11211  
Federal ID: Not reported  
Owner Tel: (718) 388-1420  
Owner Type: Not reported  
Owner Subtype: Not reported  
Mailing Contact: REV. PEDRO N. OSSA  
Mailing Name: ST NICHOLAS R C CHURCH  
Mailing Address: 26 OLIVE ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11211  
Mailing Telephone: (718) 388-1420  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Certification Flag: False  
Certification Date: 06/23/1997  
Expiration: 06/30/2002  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 4000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: Minor Data Missing  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST NICHOLAS R C CHURCH (Continued)**

**U003386427**

County Code: 61  
Town or City Code: 01  
Region: 2  
  
Tank ID: 001  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 4000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Not reported  
Pipe Internal: Not reported  
Pipe External: Not reported  
Tank Containment: Diking  
Leak Detection: 3  
Overfill Protection: 4  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: False  
SPDES Number: Not reported  
Lat/Long: Not reported

**W124  
NE  
1/8-1/4  
0.227 mi.  
1196 ft.**

**47 KINGSLAND AVE  
BROOKLYN, NY 11211  
Site 2 of 6 in cluster W**

**EDR US Hist Cleaners 1015064794  
N/A**

**Relative:  
Lower**

EDR Historical Cleaners:  
Name: 47 LAUNDROMAT CORP  
Year: 2004

**Actual:  
32 ft.**

Address: 47 KINGSLAND AVE  
  
Name: 47 LAUNDROMAT CORP  
Year: 2005  
Address: 47 KINGSLAND AVE

**W125  
NE  
1/8-1/4  
0.228 mi.  
1204 ft.**

**NYCHA - COOPER PARK  
275 JACKSON ST  
BROOKLYN, NY 11211  
Site 3 of 6 in cluster W**

**RCRA NonGen / NLR 1001224059  
FINDS NYR000052753  
NY MANIFEST**

**Relative:  
Lower**

RCRA NonGen / NLR:  
Date form received by agency: 01/01/2007  
Facility name: NYCHA - COOPER PARK  
Facility address: 275 JACKSON ST

**Actual:  
31 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCHA - COOPER PARK (Continued)**

**1001224059**

BROOKLYN, NY 11211  
EPA ID: NYR000052753  
Mailing address: BROADWAY  
NEW YORK, NY 10007  
Contact: FRANK OCELLO  
Contact address: BROADWAY  
NEW YORK, NY 10007  
Contact country: US  
Contact telephone: (212) 306-3229  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: NYCHA  
Owner/operator address: 250 BROADWAY 16TH FLOOR  
NEW YORK, NY 10007  
Owner/operator country: US  
Owner/operator telephone: (212) 306-3229  
Legal status: Municipal  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NYCHA  
Owner/operator address: 250 BROADWAY 16TH FLOOR  
NEW YORK, NY 10007  
Owner/operator country: US  
Owner/operator telephone: (212) 306-3229  
Legal status: Municipal  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

**Historical Generators:**

Date form received by agency: 01/01/2006  
Site name: NYCHA - COOPER PARK  
Classification: Not a generator, verified

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCHA - COOPER PARK (Continued)**

**1001224059**

Date form received by agency: 03/30/1998  
Site name: NYCHA - COOPER PARK  
Classification: Small Quantity Generator

Violation Status: No violations found

**FINDS:**

Registry ID: 110004541719

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**NY MANIFEST:**

EPA ID: NYR000052753  
Country: USA

**Mailing Info:**

Name: NYCHA - COOPER PARK HOUSES  
Contact: RAFAEL VELEZ  
Address: 250 BROADWAY 16TH FLR  
City/State/Zip: NEW YORK, NY 10007  
Country: USA  
Phone: 212-306-3142

Document ID: NJA2787631  
Manifest Status: Not reported  
Trans1 State ID: NJ0000027193  
Trans2 State ID: Not reported  
Generator Ship Date: 05/05/1998  
Trans1 Recv Date: 05/05/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 05/05/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000052753  
Trans1 EPA ID: NJD002200046  
Trans2 EPA ID: Not reported  
TSD ID: Not reported  
Waste Code: U240 - 2,4 D,SALTS + ESTERS  
Quantity: 00110  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: CW - Wooden boxes  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Waste Code: U240 - 2,4 D,SALTS + ESTERS  
Quantity: 00055  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCHA - COOPER PARK (Continued)**

**1001224059**

Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 98

**W126  
NE  
1/8-1/4  
0.231 mi.  
1220 ft.**

**51 KINGSLAND AVE  
BROOKLYN, NY 11211**

**EDR US Hist Auto Stat 1015530176  
N/A**

**Site 4 of 6 in cluster W**

**Relative:  
Lower**

EDR Historical Auto Stations:

Name: KINGSLAND SVCE STATION INCORPORATED  
Year: 1999  
Address: 51 KINGSLAND AVE

**Actual:  
31 ft.**

Name: KINGSLAND SVCE STATION INCORPORATED  
Year: 2000  
Address: 51 KINGSLAND AVE

Name: KINGSLAND SERVICE STATION INC  
Year: 2001  
Address: 51 KINGSLAND AVE

Name: KINGSLAND SERVICE STATION INC  
Year: 2002  
Address: 51 KINGSLAND AVE

Name: KINGSLAND SERVICE STATION INC  
Year: 2003  
Address: 51 KINGSLAND AVE

Name: KINGSLAND SERVICE STA INC  
Year: 2005  
Address: 51 KINGSLAND AVE

Name: KINGSLAND SERVICE STA INC  
Year: 2006  
Address: 51 KINGSLAND AVE

Name: KINGSLAND SERVICE STATION INC  
Year: 2007  
Address: 51 KINGSLAND AVE

Name: KINGSLAND SERVICE STATION INC  
Year: 2008  
Address: 51 KINGSLAND AVE

Name: KINGSLAND SERVICE STATION INC  
Year: 2009  
Address: 51 KINGSLAND AVE

Name: KINGSLAND SERVICE STA INC  
Year: 2010  
Address: 51 KINGSLAND AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

W127  
NE  
1/8-1/4  
0.231 mi.  
1220 ft.

**MOBIL OIL CO**  
**51 KINGSLAND AVE**  
**BROOKLYN, NY 11227**  
**Site 5 of 6 in cluster W**

**RCRA NonGen / NLR**    **1000253431**  
**NYD986890556**

**Relative:**  
**Lower**

RCRA NonGen / NLR:

**Actual:**  
**31 ft.**

Date form received by agency: 01/01/2007  
Facility name: MOBIL OIL CO  
Facility address: 51 KINGSLAND AVE  
BROOKLYN, NY 11227  
EPA ID: NYD986890556  
Mailing address: DOUGHTY BLVD  
INWOOD, NY 11696  
Contact: Not reported  
Contact address: DOUGHTY BLVD  
INWOOD, NY 11696  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MOBIL OIL CO  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: MOBIL OIL CO  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CO (Continued)**

**1000253431**

Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Site name: MOBIL OIL CO  
Classification: Not a generator, verified

Date form received by agency: 04/14/1995  
Site name: MOBIL OIL CO  
Classification: Not a generator, verified

Date form received by agency: 02/27/1990  
Site name: MOBIL OIL CO  
Classification: Small Quantity Generator

Violation Status: No violations found

**W128  
NE  
1/8-1/4  
0.231 mi.  
1220 ft.**

**MOBIL S/S 17BJ6  
51 KINGSLAND AVE  
BROOKLYN, NY 11211  
Site 6 of 6 in cluster W**

**NY UST 1000788767  
NY MANIFEST N/A  
NY Spills**

**Relative:  
Lower**

UST:  
Id/Status: 2-070270 / Active  
Program Type: PBS  
Region: STATE  
DEC Region: 2  
Expiration Date: 09/15/2016  
UTM X: 589538.70869999996  
UTM Y: 4507957.3062500004  
Site Type: Retail Gasoline Sales

**Actual:  
31 ft.**

Affiliation Records:

Site Id: 1546  
Affiliation Type: Mail Contact  
Company Name: KINGSLAND SERVICE STATION INC.  
Contact Type: Not reported  
Contact Name: JOHN PASSARELLA  
Address1: 51 KINGSLAND AVENLUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11211  
Country Code: 001  
Phone: (718) 389-6133  
EMail: JONSUNOIL@ME.COM  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 2/27/2012

Site Id: 1546  
Affiliation Type: On-Site Operator  
Company Name: KINGSLAND SERVICE STATION INC  
Contact Type: Not reported  
Contact Name: DONATO PASSARELLA  
Address1: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 389-6133  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 2/25/2011

Site Id: 1546  
Affiliation Type: Emergency Contact  
Company Name: JOHN PASSARELLA  
Contact Type: Not reported  
Contact Name: JOHN PASSARELLA  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (347) 610-3088  
EMail: Not reported  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 2/27/2012

Site Id: 1546  
Affiliation Type: Facility Owner  
Company Name: JOHN PASSARELLA  
Contact Type: PRES  
Contact Name: JOHN PASSARELLA  
Address1: 159-59 78TH ST  
Address2: Not reported  
City: QUEENS  
State: NY  
Zip Code: 11414  
Country Code: 001  
Phone: (718) 389-6133  
EMail: Not reported  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 2/27/2012

Tank Info:

Tank Number: 001  
Tank ID: 70  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 02/01/1990  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Fiberglass coated steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

Material Code: 2712  
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21  
Date Test: 01/27/2005  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: BVCAMPBE  
Last Modified: 02/27/2012

Equipment Records:

- K01 - Spill Prevention - Catch Basin
- C02 - Pipe Location - Underground/On-ground
- F02 - Pipe External Protection - Original Sacrificial Anode
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I02 - Overfill - High Level Alarm
- L99 - Piping Leak Detection - Other
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- A00 - Tank Internal Protection - None
- D02 - Pipe Type - Galvanized Steel
- F07 - Pipe External Protection - Retrofitted Sacrificial Anode
- J01 - Dispenser - Pressurized Dispenser
- B02 - Tank External Protection - Original Sacrificial Anode
- B07 - Tank External Protection - Retrofitted Sacrificial Anode
- E00 - Piping Secondary Containment - None

Tank Number: 001  
Tank ID: 29954  
Tank Status: Tank Converted to Non-Regulated Use  
Material Name: Tank Converted to Non-Regulated Use  
Capacity Gallons: 550  
Install Date: 12/01/1966  
Date Tank Closed: 02/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

- G00 - Tank Secondary Containment - None
- A00 - Tank Internal Protection - None
- D02 - Pipe Type - Galvanized Steel
- C00 - Pipe Location - No Piping
- F00 - Pipe External Protection - None
- B00 - Tank External Protection - None
- I00 - Overfill - None
- H00 - Tank Leak Detection - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

Tank Number: 001-A  
Tank ID: 71  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 1550  
Install Date: 01/01/1965  
Date Tank Closed: 02/01/1990  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
G03 - Tank Secondary Containment - Vault (w/o access)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
H03 - Tank Leak Detection - Vapor Well

Tank Number: 002  
Tank ID: 29955  
Tank Status: Tank Converted to Non-Regulated Use  
Material Name: Tank Converted to Non-Regulated Use  
Capacity Gallons: 550  
Install Date: 12/01/1966  
Date Tank Closed: 02/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
G00 - Tank Secondary Containment - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

B00 - Tank External Protection - None  
H00 - Tank Leak Detection - None  
I00 - Overfill - None

Tank Number: 002  
Tank ID: 72  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 02/01/1990  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Fiberglass coated steel  
Material Code: 2712  
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21  
Date Test: 01/27/2005  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: BVCAMPBE  
Last Modified: 02/27/2012

Equipment Records:

B02 - Tank External Protection - Original Sacrificial Anode  
B07 - Tank External Protection - Retrofitted Sacrificial Anode  
E00 - Piping Secondary Containment - None  
K01 - Spill Prevention - Catch Basin  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
F07 - Pipe External Protection - Retrofitted Sacrificial Anode  
J01 - Dispenser - Pressurized Dispenser  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
C02 - Pipe Location - Underground/On-ground  
F02 - Pipe External Protection - Original Sacrificial Anode  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
L99 - Piping Leak Detection - Other

Tank Number: 002-A  
Tank ID: 73  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 01/01/1965  
Date Tank Closed: 02/01/1990  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
G03 - Tank Secondary Containment - Vault (w/o access)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
H03 - Tank Leak Detection - Vapor Well

Tank Number: 003  
Tank ID: 74  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 02/01/1990  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Fiberglass coated steel  
Material Code: 2712  
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21  
Date Test: 01/27/2005  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: BVCAMPBE  
Last Modified: 02/27/2012

Equipment Records:

B02 - Tank External Protection - Original Sacrificial Anode  
B07 - Tank External Protection - Retrofitted Sacrificial Anode  
E00 - Piping Secondary Containment - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
F07 - Pipe External Protection - Retrofitted Sacrificial Anode  
J01 - Dispenser - Pressurized Dispenser  
K01 - Spill Prevention - Catch Basin  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
C02 - Pipe Location - Underground/On-ground  
F02 - Pipe External Protection - Original Sacrificial Anode  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
L99 - Piping Leak Detection - Other

Tank Number: 003  
Tank ID: 29956  
Tank Status: Tank Converted to Non-Regulated Use

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

Material Name: Tank Converted to Non-Regulated Use  
Capacity Gallons: 550  
Install Date: 12/01/1966  
Date Tank Closed: 02/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
H00 - Tank Leak Detection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
B00 - Tank External Protection - None  
I00 - Overfill - None

Tank Number: 003-A  
Tank ID: 75  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 01/01/1965  
Date Tank Closed: 02/01/1990  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
G03 - Tank Secondary Containment - Vault (w/o access)  
B00 - Tank External Protection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
H03 - Tank Leak Detection - Vapor Well

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

Tank Number: 004  
Tank ID: 2619  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 01/01/1965  
Date Tank Closed: 02/01/1990  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
G03 - Tank Secondary Containment - Vault (w/o access)  
B00 - Tank External Protection - None  
H03 - Tank Leak Detection - Vapor Well

Tank Number: 004  
Tank ID: 29957  
Tank Status: Tank Converted to Non-Regulated Use  
Material Name: Tank Converted to Non-Regulated Use  
Capacity Gallons: 550  
Install Date: 12/01/1966  
Date Tank Closed: 02/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

B00 - Tank External Protection - None  
H00 - Tank Leak Detection - None  
I00 - Overfill - None

Tank Number: 005  
Tank ID: 29958  
Tank Status: Tank Converted to Non-Regulated Use  
Material Name: Tank Converted to Non-Regulated Use  
Capacity Gallons: 550  
Install Date: 12/01/1966  
Date Tank Closed: 02/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
I00 - Overfill - None  
H00 - Tank Leak Detection - None

Tank Number: 005  
Tank ID: 2620  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 01/01/1965  
Date Tank Closed: 02/01/1990  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
G03 - Tank Secondary Containment - Vault (w/o access)  
B00 - Tank External Protection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
H03 - Tank Leak Detection - Vapor Well

Tank Number: 006  
Tank ID: 2621  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 06/01/1965  
Date Tank Closed: 02/01/1990  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
H03 - Tank Leak Detection - Vapor Well  
G03 - Tank Secondary Containment - Vault (w/o access)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
B00 - Tank External Protection - None

Tank Number: 006  
Tank ID: 29959  
Tank Status: Tank Converted to Non-Regulated Use  
Material Name: Tank Converted to Non-Regulated Use  
Capacity Gallons: 4000  
Install Date: 12/01/1971  
Date Tank Closed: 02/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None  
B00 - Tank External Protection - None  
G00 - Tank Secondary Containment - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I00 - Overfill - None

Affiliation Records:

Site Id: 5208  
Affiliation Type: Facility Owner  
Company Name: MOBIL OIL CORP;ATT:A.J.PRINGLE  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 3225 GALLOWS RD.; ENV.ENGINEER  
Address2: Not reported  
City: FAIRFAX  
State: VA  
Zip Code: 22037  
Country Code: 001  
Phone: (703) 849-5862  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 3/10/2010

Site Id: 5208  
Affiliation Type: Mail Contact  
Company Name: MOBIL OIL CORP;ATT:A.J.PRINGLE  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 3225 GALLOWS RD.; ENV.ENGINEER  
Address2: Not reported  
City: FAIRFAX  
State: VA  
Zip Code: 22037  
Country Code: 001  
Phone: (703) 849-5862  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 3/10/2010

Site Id: 5208  
Affiliation Type: On-Site Operator  
Company Name: MOBIL S/S 17BJ6  
Contact Type: Not reported  
Contact Name: MOBIL S/S 17BJ6  
Address1: Not reported  
Address2: Not reported  
City: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (516) 234-4700  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 5208  
Affiliation Type: Emergency Contact  
Company Name: MOBIL OIL CORP;ATT:A.J.PRINGLE  
Contact Type: Not reported  
Contact Name: MOBIL S/S 17BJ6  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (516) 234-4700  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001  
Tank ID: 70  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 02/01/1990  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Fiberglass coated steel  
Material Code: 2712  
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21  
Date Test: 01/27/2005  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: BVCAMPBE  
Last Modified: 02/27/2012

Equipment Records:

K01 - Spill Prevention - Catch Basin  
C02 - Pipe Location - Underground/On-ground  
F02 - Pipe External Protection - Original Sacrificial Anode  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
L99 - Piping Leak Detection - Other  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
F07 - Pipe External Protection - Retrofitted Sacrificial Anode  
J01 - Dispenser - Pressurized Dispenser  
B02 - Tank External Protection - Original Sacrificial Anode  
B07 - Tank External Protection - Retrofitted Sacrificial Anode  
E00 - Piping Secondary Containment - None

Tank Number: 001  
Tank ID: 29954  
Tank Status: Tank Converted to Non-Regulated Use  
Material Name: Tank Converted to Non-Regulated Use  
Capacity Gallons: 550  
Install Date: 12/01/1966  
Date Tank Closed: 02/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
I00 - Overfill - None  
H00 - Tank Leak Detection - None

Tank Number: 001-A  
Tank ID: 71  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 1550  
Install Date: 01/01/1965  
Date Tank Closed: 02/01/1990  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

Last Modified: 03/04/2004  
Equipment Records:  
B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
G03 - Tank Secondary Containment - Vault (w/o access)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
H03 - Tank Leak Detection - Vapor Well

Tank Number: 002  
Tank ID: 29955  
Tank Status: Tank Converted to Non-Regulated Use  
Material Name: Tank Converted to Non-Regulated Use  
Capacity Gallons: 550  
Install Date: 12/01/1966  
Date Tank Closed: 02/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
G00 - Tank Secondary Containment - None  
B00 - Tank External Protection - None  
H00 - Tank Leak Detection - None  
I00 - Overfill - None

Tank Number: 002  
Tank ID: 72  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 02/01/1990  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Fiberglass coated steel  
Material Code: 2712  
Common Name of Substance: Gasoline/Ethanol

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

Tightness Test Method: 21  
Date Test: 01/27/2005  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: BVCAMPBE  
Last Modified: 02/27/2012

Equipment Records:

B02 - Tank External Protection - Original Sacrificial Anode  
B07 - Tank External Protection - Retrofitted Sacrificial Anode  
E00 - Piping Secondary Containment - None  
K01 - Spill Prevention - Catch Basin  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
F07 - Pipe External Protection - Retrofitted Sacrificial Anode  
J01 - Dispenser - Pressurized Dispenser  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
C02 - Pipe Location - Underground/On-ground  
F02 - Pipe External Protection - Original Sacrificial Anode  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
L99 - Piping Leak Detection - Other

Tank Number: 002-A  
Tank ID: 73  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 01/01/1965  
Date Tank Closed: 02/01/1990  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
G03 - Tank Secondary Containment - Vault (w/o access)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
H03 - Tank Leak Detection - Vapor Well

Tank Number: 003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

Tank ID: 74  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 02/01/1990  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Fiberglass coated steel  
Material Code: 2712  
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21  
Date Test: 01/27/2005  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: BVCAMPBE  
Last Modified: 02/27/2012

Equipment Records:

- B02 - Tank External Protection - Original Sacrificial Anode
- B07 - Tank External Protection - Retrofitted Sacrificial Anode
- E00 - Piping Secondary Containment - None
- A00 - Tank Internal Protection - None
- D02 - Pipe Type - Galvanized Steel
- F07 - Pipe External Protection - Retrofitted Sacrificial Anode
- J01 - Dispenser - Pressurized Dispenser
- K01 - Spill Prevention - Catch Basin
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- C02 - Pipe Location - Underground/On-ground
- F02 - Pipe External Protection - Original Sacrificial Anode
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I02 - Overfill - High Level Alarm
- L99 - Piping Leak Detection - Other

Tank Number: 003  
Tank ID: 29956  
Tank Status: Tank Converted to Non-Regulated Use  
Material Name: Tank Converted to Non-Regulated Use  
Capacity Gallons: 550  
Install Date: 12/01/1966  
Date Tank Closed: 02/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
H00 - Tank Leak Detection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
B00 - Tank External Protection - None  
I00 - Overfill - None

Tank Number: 003-A  
Tank ID: 75  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 01/01/1965  
Date Tank Closed: 02/01/1990  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
G03 - Tank Secondary Containment - Vault (w/o access)  
B00 - Tank External Protection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
H03 - Tank Leak Detection - Vapor Well

Tank Number: 004  
Tank ID: 2619  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 01/01/1965  
Date Tank Closed: 02/01/1990  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
G03 - Tank Secondary Containment - Vault (w/o access)  
B00 - Tank External Protection - None  
H03 - Tank Leak Detection - Vapor Well

Tank Number: 004  
Tank ID: 29957  
Tank Status: Tank Converted to Non-Regulated Use  
Material Name: Tank Converted to Non-Regulated Use  
Capacity Gallons: 550  
Install Date: 12/01/1966  
Date Tank Closed: 02/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
B00 - Tank External Protection - None  
H00 - Tank Leak Detection - None  
I00 - Overfill - None

Tank Number: 005  
Tank ID: 29958  
Tank Status: Tank Converted to Non-Regulated Use  
Material Name: Tank Converted to Non-Regulated Use  
Capacity Gallons: 550  
Install Date: 12/01/1966  
Date Tank Closed: 02/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
I00 - Overfill - None  
H00 - Tank Leak Detection - None

Tank Number: 005  
Tank ID: 2620  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 01/01/1965  
Date Tank Closed: 02/01/1990  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
G03 - Tank Secondary Containment - Vault (w/o access)  
B00 - Tank External Protection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
H03 - Tank Leak Detection - Vapor Well

Tank Number: 006  
Tank ID: 2621  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 06/01/1965

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

Date Tank Closed: 02/01/1990  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
H03 - Tank Leak Detection - Vapor Well  
G03 - Tank Secondary Containment - Vault (w/o access)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
B00 - Tank External Protection - None

Tank Number: 006  
Tank ID: 29959  
Tank Status: Tank Converted to Non-Regulated Use  
Material Name: Tank Converted to Non-Regulated Use  
Capacity Gallons: 4000  
Install Date: 12/01/1971  
Date Tank Closed: 02/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None  
B00 - Tank External Protection - None  
G00 - Tank Secondary Containment - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I00 - Overfill - None

NY MANIFEST:

EPA ID: NYD986890556

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

Country: USA  
Mailing Info:  
Name: MOBIL OIL CO SERVICE STATION  
Contact: MOBIL OIL CO SERVICE STATION  
Address: 464 DOUGHTY BLVD  
City/State/Zip: INWOOD, NY 11696  
Country: USA  
Phone: 516-371-1527

NY MANIFEST:  
No Manifest Records Available

**SPILLS:**

Facility ID: 1111339  
Facility Type: ER  
DER Facility ID: 119415  
Site ID: 459232  
DEC Region: 2  
Spill Date: 12/20/2011  
Spill Number/Closed Date: 1111339 / Not Reported  
Spill Cause: Equipment Failure  
Spill Class: Not reported  
SWIS: 2401  
Investigator: MJHAGGER  
Referred To: Not reported  
Reported to Dept: 12/21/2011  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 4  
Date Entered In Computer: 12/21/2011  
Spill Record Last Update: 4/30/2014  
Spiller Name: Not reported  
Spiller Company: GAS STATION  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller Company: 999  
Contact Name: MIKE HAGGERTY  
Contact Phone: Not reported  
DEC Memo: HaggertyDecember: Spill called in during an investigation of the property in regards to long term remediation Spill 89-08110. The distribution system had to be shutdown for the investigation because we drilled between the current tanks and the dispensers. During that process, Arcadis, ExxonMobil's consultant, noticed very small leaks coming from the diesel meters. ExxonMobil will be gw sampling in January 2012 and will collect soil samples beneath the meters. February 2012: results will be included in the SIR due 3/7/12 April 2012 - diesel range organics detected in sample beneath one dispenser due to a leaking O-ring. Spoke with owner and attorney and advised them to obtain a consultant so we can move forward. This

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

could be as simple as digging out all the soil beneath the dispenser and collecting an end-point sample  
May 2012 - Station owner has yet to hire consultant to deal with deisel contamination. EM still responsible for gasoline contamination. Regional attorney, John Urda, is seeking a Consent Order with EM as the gasoline contamination is severe  
June 2012 - Station owner, John Passerella, hired a consultant, HRP Associates, to investigate the diesel contamination.  
August 2012 - Owner's consultant's, HRP, has yet to do anything regardind the diesel leak. The PM at HRP is on a vacation week. I will speak to him in early Sept.  
December 2012 - The station owner's consultant, HRP, removed ~1 foot of soil beneath the 2 dispensers in question and collected end-point samples. Based on the results, the Spill cannot be closed at this time. Additional soil (deeper) must be removed and properly disposed of to reach clean soil and sampled  
May 2013 - Spoke with station owner, John Passerella, and he is replacing his dispensers in the next month giving us the perfect time to excavate out the diesel contamination. The consultant will submit a new work plan within 45 days  
July 2013 - spoke with station's current owner John Passerella and his attorney, Jean Warshaw. The project has dragged on too long (~20 months) and only a reasonably small excavation is required to close the Spill. The Dept gave them 3 months to have the remediation at the Site to be implemented by the end of October  
October 2013 - Contamination from beneath one dispenser has been removed. Consultant moving on to the other dispenser. PM on-site 10/24/13  
November 2013 - The southern dispenser proved to be more contaminated with diesel. 3 drums of soil was removed via air knife and vac-unit. Using an industrial vacuum was much more practical considering the infra-structure below dispensers and a CAMP was not required. Contamination was observed spreading to the south therefore additional soil was removed in that direction and 2 end-point samples were collected (one bottom, one south side). Results from the lab were not clean. The contamination in both samples did not comply with CP-51: Table 2 and Table 3. Additional soil removal and end-point sampling required  
December 2013 - received clean end-point samples from the beneath the southern dispenser. Closure report due in January 2014  
April 2013 - Remedial Action Report being revised

Remarks:

Two (2) leaking diesel meters one on #2 & #4. Repairs will be conducted by Finley and Nichol. Confirmatory sample below dispensers to be collected. Owners name: John Passeralla - 347-610-3088

Material:

Site ID: 459232  
Operable Unit ID: 1209322  
Operable Unit: 01  
Material ID: 2206726  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: Gallons  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

Facility ID: 8908110  
Facility Type: ER  
DER Facility ID: 119415  
Site ID: 139794  
DEC Region: 2  
Spill Date: 11/15/1989  
Spill Number/Closed Date: 8908110 / Not Reported  
Spill Cause: Unknown  
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
  
SWIS: 2401  
Investigator: MJHAGGER  
Referred To: SUBSURFACE INVESTIGATION REPORT RECEIVED  
Reported to Dept: 11/15/1989  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: Fire Department  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: True  
Remediation Phase: 4  
Date Entered In Computer: 11/24/1989  
Spill Record Last Update: 4/30/2014  
Spiller Name: Not reported  
Spiller Company: EXXONMOBIL  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 999  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SUN"12/10/2003 Reassigned from Tipple to Sun.11/7/05: Project reassigned from Sun to Andersen. Sent letter saying investigation was required by 1/2/06.12/6/05: Letter returned to sender, unclaimed. USPS wrote the address 159-59 78th street on the letter, instead of the address I sent it to: Donato Passarella 159 78th Street, Queens, NY 11414.1/23/06: Resent letter to 57 Kingsland Realty Corp., 57 Kingsland Avenue, Brooklyn, NY 11211 Attn: Hussein Mustafa, as per the current owner on Property Shark.2/3/06: An attorney for Mr. Mustafa called. She said that 51-57 Kingsland is owned by Mr. Mustafa and that 61-65 Kingsland is owned by Denato Passarella, and that the gas station is on 61-65 Kingsland. She will fax me a letter confirming this from the Department of Finance. Need to resend letter to Denato Passarella at 61-65 Kingsland. Changed address on spill report to 65 Kingsland Avenue. 2/9/06: Letter was returned. Resent letter to:Donato PassarellaKingsland Service Station51 Kingsland AvenueBrooklyn, NY 112112/13/06: Spoke to John Passarella (related to Denato Passarella) (718-389-6133). He said the correct address is 51 Kingsland Avenue. Changed address on spill report back to 51 kingsland. He said that Mobil owned the tanks at that time, but that he owns the property and the gas station. All old tanks were removed and new tanks installed in 1990. John Passarella will ask the old owner if they have and documentation of the tank closures.4/5/06: ExxonMobil contact: Melissa Tacchino, 908-730-3610,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

melissa.w.tacchino@exxonmobil.com. Called Melissa Tacchino and left her a message. She called back and said that EM has never operated or owned this property.4/13/06: Spoke with John Passarella and he confirmed that Mobil owned the tanks in 1989 and were in charge of the tank excavation. 7/26/06: Referred to NYSDEC Legal Department.4/28/08 - Carlson: Spoke to John Passarella (718-389-6133). They received a letter from the legal division. They requested a 60 day extension to investigate this spill.12/23/09 - Carlson: Received investigation work plan from ExxonMobil, dated 12/7/09. Six borings/monitoring wells proposed. Issued approval letter. Ken DrakeExxonMobil Environmental ServicesU S Retail Remediation Project Manager297 Route 72 WSuite 35, #285Manahawkin, NJ 08050-2890kenneth.j.drake@exxonmobil.com5/25/2010 - Carlson: Performed site visit. They were hand clearing boreholes. Boreholes will be completed as wells starting tomorrow (three days expected).5/27/2010 - Carlson: Spoke to Joel Adrian. Product found in one of new wells. Product will be fingerprinted and tested for ethanol. If it is new product a new spill will be called in.9/9/2010 - Carlson: Received phone call. 2 ft of product present. Product will be ID'd again. 9/15/2010 - Carlson: Spill No. 00-02006 consolidated with 89-08110. Reviewed Subsurface Investigation Report. Six monitoring wells installed. Product present in three wells. Product ID'd as weathered gasoline. Legal Division is negotiating a consent order. Case may be referred to central office.11/2/10 - EM did foil and complained they did not receive TTT reports. Station is delinquent since January, yet TTT may not be required. I can not tell from registration, which has omissions and questionable entries. Moses found registration deficiencies during recent PBS inspection and told Donato to correct them pronto. There is even uncertainty over the correct street address for the station (see the beginning of these notes). Moses would know if the station has a Veeder-Root doing LD on dw UST and dw pipes. (Breen)3/2/11 - Haggerty: assumed project management from Andre ObligadoMarch 2011 - Spoke with EM, they agreed to perform SI. Work Plan approvedApril 2011: Kleinfelder still working on Access Agreement with property ownerMay 2011 - Owner reluctant to sign Access Agreement. He called me because he states that shutting down his station for 6 days would do irreparable financial damage. I explained that if he doesn't allow EM on the property to perform the investigation, the state will be forced to. June 2011 - no resolution between the owner and EM has been reached concerning access to perform the workAugust 2011 - according to both the station owner, John Passarella (347-610-3088) and EM, settlement for lost business is close and access should be granted soonNovember 2011 - Access Agreement signed between owner and EM. December 2011 - 6 new MW's installed on-site February 2012 - SIR for the on-site investigation due in mid March. Product encountered on-site. EM sent out Vac truck April 2012 - reviewed and commented on SIR for on-site well installation. The Department's position is that EM is responsible for the gasoline contamination in soil and groundwater and the current owner is responsible for the diesel contamination in the soil beneath the dispenser. John Urda is pursuing a CO with EM June 2012 - PM required twice monthly Dual-Phase extraction events until a RAP is submitted.August 2012 - EM fingerprinting report under review. December 2012 - A RAP was submitted which includes pilot testing to determine the best method. Also spoke with Julie de la Fuente at Kleinfelder. She states that EM is considering excavation as long as the owner would agree. They asked for 30 days to submit

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MOBIL S/S 17BJ6 (Continued)**

**1000788767**

the CAP and the extension was approved 12/26/12May 2013 - ExxonMobil will not sign the Consent OrderDecember 2013 - While ExxonMobil is still not willing to sign a Consent Order, they did perform a SVE/AS pilot test this month. Also, they continue to perform Dual-Phase Extraction events twice monthlyApril 2014 - According to John Urda, our R2 Spills attorney, the Consent Order should have been signed and executed by now. The oversight/penalty cost of \$30,000 as well as the Consent Order language are agreed upon. John will contact PM when he hears something.

Remarks: DURING EXCAVATION OF TANK CONTAMINATED SOIL DISCOVERED IN PITS - PUMP-ING CONTAMINATED SOIL & WATER OUT OF PIT INTO STREETS - DEP RESPONDED & FOUND ONLY CONTAMINATED SOIL & SLIGHT SHEEN IN TRENCH.

Material:

Site ID: 139794  
 Operable Unit ID: 935580  
 Operable Unit: 01  
 Material ID: 444871  
 Material Code: 0009  
 Material Name: Gasoline  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: -1  
 Units: Pounds  
 Recovered: No  
 Resource Affected: Not reported  
 Oxygenate: False

Tank Test:

Site ID: 139794  
 Spill Tank Test: 1536405  
 Tank Number: Not reported  
 Tank Size: 0  
 Test Method: 00  
 Leak Rate: 0  
 Gross Fail: Not reported  
 Modified By: Spills  
 Last Modified: 10/1/2004  
 Test Method: Unknown

Y129  
 NNW  
 1/8-1/4  
 0.231 mi.  
 1221 ft.

**CON EDISON MANHOLE 4916  
 GRAHAM AVE & FROST ST  
 BROOKLYN, NY 11204**

**RCRA NonGen / NLR 1010326778  
 NY MANIFEST NYP004143004**

**Site 2 of 2 in cluster Y**

Relative:  
 Lower

RCRA NonGen / NLR:  
 Date form received by agency: 11/17/2006  
 Facility name: CON EDISON MANHOLE 4916  
 Facility address: GRAHAM AVE & FROST ST  
 SW COR GRAHAM  
 BROOKLYN, NY 11204  
 EPA ID: NYP004143004  
 Mailing address: 4 IRVING PL, RM 828  
 NEW YORK, NY 10003  
 Contact: STEVEN MARTIS  
 Contact address: 4 IRVING PL, RM 828

Actual:  
 17 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CON EDISON MANHOLE 4916 (Continued)**

**1010326778**

NEW YORK, NY 10003  
Contact country: US  
Contact telephone: (212) 580-8383  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 11/16/2006  
Site name: CON EDISON  
Classification: Not a generator, verified

Date form received by agency: 11/15/2006  
Site name: CON EDISON  
Classification: Unverified

Violation Status: No violations found

NY MANIFEST:

EPA ID: NYP004143004  
Country: USA

Mailing Info:

Name: CONSOLIDATED EDISON  
Contact: FRANKLYN MURRAY  
Address: 4 IRVING PL RM 828  
City/State/Zip: NEW YORK, NY 10003  
Country: USA  
Phone: 212-460-2808

Document ID: NYE1593882  
Manifest Status: Not reported  
Trans1 State ID: NYE006982359  
Trans2 State ID: Not reported  
Generator Ship Date: 06/22/2006  
Trans1 Recv Date: 06/22/2006  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 06/23/2006

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CON EDISON MANHOLE 4916 (Continued)**

**1010326778**

Part A Recv Date: Not reported  
 Part B Recv Date: Not reported  
 Generator EPA ID: NYP004143004  
 Trans1 EPA ID: 18887JU  
 Trans2 EPA ID: Not reported  
 TSDF ID: NYD077444263  
 Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES  
 Quantity: 00125  
 Units: K - Kilograms (2.2 pounds)  
 Number of Containers: 001  
 Container Type: DM - Metal drums, barrels  
 Handling Method: B Incineration, heat recovery, burning.  
 Specific Gravity: 01.00  
 Year: 2006

**AB130  
 SE  
 1/8-1/4  
 0.232 mi.  
 1226 ft.**

**FORMER BENNETT TRUCKING CORP.  
 845 GRAND STREET  
 BROOKLYN, NY 11211  
 Site 1 of 2 in cluster AB**

**NY Spills S113818149  
 NY BROWNFIELDS N/A**

**Relative:  
 Higher**

**SPILLS:**

**Actual:  
 43 ft.**

Facility ID: 1303007  
 Facility Type: ER  
 DER Facility ID: 438674  
 Site ID: 483468  
 DEC Region: 2  
 Spill Date: 6/19/2013  
 Spill Number/Closed Date: 1303007 / Not Reported  
 Spill Cause: Unknown  
 Spill Class: Not reported  
 SWIS: 2401  
 Investigator: ljalden  
 Referred To: Not reported  
 Reported to Dept: 6/19/2013  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Source: Commercial/Industrial  
 Spill Notifier: Other  
 Cleanup Ceased: Not reported  
 Cleanup Meets Std: False  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 1  
 Date Entered In Computer: 6/19/2013  
 Spill Record Last Update: 12/6/2013  
 Spiller Name: Not reported  
 Spiller Company: COMMERCIAL PROPERTY/OLD LAUNDRY  
 Spiller Address: Not reported  
 Spiller City,St,Zip: NY  
 Spiller Company: 999  
 Contact Name: CHARLES  
 Contact Phone: Not reported  
 DEC Memo: Vacant lot, previously used as laundromat and auto repair shop. Gasoline compound in soil samples detected. Phase I and Phase II report will be sent to Kumar Patel.(sr)06/24/13-Hiralkumar Patel.alternate address: noneno PBS or other spill record found.10:13

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER BENNETT TRUCKING CORP. (Continued)**

**S113818149**

AM:- spoke with Charles. he mentioned that current owner bought this property recently and did Phase I and limited Phase II investigation. Charles mentioned that gasoline tanks found on old sanborn maps and site was auto repair shop in past. sometime in past, front part of onsite building was demolished to create parking lot. recently the site was used as laundromat and dry cleaning. currently, site is vacant. asked Charles to submit available environmental reports for review. also asked to provide property owner's contact information. Charles mentioned that property owner is planning to meet DEC Jane to discuss enrollment in BCP.06/26/13-Hiralkumar Patel.1:34 PM:- left message for Charles and asked to submit environmental reports/data.07/03/13-Hiralkumar Patel.11:06 AM:- left message for Charles.Charles SosikEBCPh. (631) 504-6000 (O) (631) 357-4927 (C)email: csosik@ebcincny.com07/08/13-Hiralkumar Patel.10:51 AM:- received email from Charles including summary of Phase I, Phase II boring logs, sample results and site map. Charles mentioned that property owner had meeting with DEC Jane (and central office) last week and will submit BCP application.email did not included complete Phase I or Phase II reports.two borings were installed near suspected gasoline UST, to a depth of 15 ft bg. in both borings, 10 ppm recorded on PID in 10 to 15 ft interval only. no odors or PID readings noted above 10 ft depth. found VOC compounds in soil samples.soil analyticals:-----B1-----B2  
10-13 ft 13-15  
ftEthylbenzene-----230-----1,  
300Xylene-----690-----6,9001,2,  
4-Trimethylbenzene--1,400-----5,5001,3,  
5-Trimethylbenzene---450-----1,  
400Naphthalene-----290-----1,20007/11/13-Hiralkumar Patel.12:30 PM:- spoke with Charles. asked him to submit complete Phase I report. asked him about Phase II report. he mentioned that borings were installed around tank to find any contamination or not. they received sample results and discussed with DEC Jane and DEC Cozzy regarding enrollment into BCP. they haven't prepared any Phase II report. asked Charles to submit written investigation report with all details. currently, they are preparing BCP application. informed Charles that the department may require further delineation before even BCP application reviewed.12:43 PM:- received Phase I report from Charles. abstract:- block #: 2922 / lot #: 47- site was an undeveloped portion of a larger residential property from at least 1888 through 1907. by 1928, the site was developed with a garage, later occupied by a motor freight company. by 1977, the building was occupied by a warehouse and non-specific commercial uses, with tenants including a sanitation company and a coffee distributor. circa 2009, the building was converted to its current use as a laundromat, dry cleaning drop off facility, and a retail store- one gasoline tank on sanborn maps for the years 1933 through 1967- gasoline tank presumed to be an UST located at the south-central portion of the building ----- E designation (E-232) for hazmat and noise ----- depth to groundwater at the site is approx. 37 ft bg ----- based on regional groundwater contour maps, groundwater flow is expected to be east-southeast toward English Kills ----- property is currently developed with a one-story commercial building with a partial basement- building is divided into two commercial/retail units: western unit is occupied by Grand Central Laundromat, a retail laundromat and dry cleaner; eastern unit is currently vacant, but was most recently

MAP FINDINGS

**FORMER BENNETT TRUCKING CORP. (Continued)**

**S113818149**

occupied by Interstate Laundry Parts and Equipment- small asphalt-paved parking lot area is located in front of the building along Grand St- parking lot was formerly covered by the site building, until site renovations conducted circa 2009 reduced the building footprint to create customer parking- majority of the building basement extends beneath the far western section of the parking lot- building heated and supplied hot water by natural gas-fired equipment ----- properties across Grand street to the south have been developed with the existing school, identified as the Northeast Brooklyn High School and reportedly constructed between 1975 and 1980 ----- no evidence of ASTs or USTs (e.g., vent or fill lines) was observed on the property- no exterior storm drains were identified on the property and no interior floor drains were observed at the time of inspection- potential buyer: Joel Braver of Express Builders JB, Inc. -----2:20 PM:- sent email to Charles. asked him to submit detailed report of recent Phase II investigation and contact information of property owner/buyer.07/23/13-Hiralkumar Patel.12:42 PM:- spoke with Charles. asked him to submit property owner's information. regarding Phase II, Charles mentioned that Phase II report will be prepared after further investigation required under BCP, if application approved.08/13/13-Hiralkumar Patel. discussed with DEC Jane regarding BCP application. she mentioned that property owner has to conduct required investigation/remediation, even BCP application is rejected.spoke with Charles from Jane's office. Charles submitted BCP application today including investigation work plan. asked Charles to submit property owner's contact information.2:45 PM:- received email from Charles including property owner's information.845 Grand Development LLC. \*\*property owner\*\*11 Hayes Avenue, Suite 201 Monroe, NY 10950Attn.: Yidal Hirsch09/10/13-Hiralkumar Patel. discussed with DEC Jane. a BCP application (C224181) has been received and currently it is under review. she mentioned that it will take couple of months (probably end of Dec. 2013) prior to having a signed agreement, if accepted by the department and property owner.sent email to Larry Alden, BCP project manager in Albany.reviewed RIWP submitted in BCP application. abstract:- redevelopment plans for the site include demolishing the existing commercial building and replacing it with a new multi-family residential apartment building with a full basement level- based upon results of previous investigations, subsurface soils at the site consist of a silty non-native fill with bricks, wood and other rubble to approx. 5 to 15 ft bg. a native fine brown silty-sand is present immediately below the fill material- based upon regional groundwater contour maps, and measurements made at adjacent properties, the depth to groundwater beneath the site is approx. 35 ft bg and flows west-northwest toward the East River- according to USGS topographic map, the elevation of the property is 39 ft above the National Geodetic Vertical Datum- propose to conduct geophysical survey of the southern portion of the property in the vicinity of the former US-propose to install total nine soil borings (four around former UST and five in other parts of the site), four groundwater wells and six soil-gas probes- four borings (SB6 through SB9) will be installed in vicinity of former UST. these borings will continue to the extent of contamination (based on visual or olfactory) or to the water table interface, whichever comes last. if contamination is not present above the water, borings will be advanced to a minimum depth of 5 ft below water table interface- five borings (SB1 through SB5) will be installed to the extent of contamination or to a depth of 15

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER BENNETT TRUCKING CORP. (Continued)**

**S113818149**

ft bg, whichever comes last- from borings SB6 through SB9, soil samples will be collected as: one sample at groundwater interface, one from 12 to 14 ft interval and one from highest indication of contamination (if present). samples will be analyzed for VOCs and SVOCs only- one soil sample will be collected from boring SB1 through SB5 for SVOCs, metals, pesticides and PCBs. these samples will be collected from just below the planned excavation level of 12 ft bg- four (4) 1-inch monitoring wells will be installed to a depth of 7 ft below water table, with 10 ft of screen- groundwater samples will be analyzed for VOCs, SVOCs, pesticides, PCBs and metals- soil vapor samples will be taken from 6 soil-gas locations, and analyzed via method TO-15- soil-gas implants at each location will be set at the proposed basement level of the new building which is approx. 12 ft bgthe proposed RIWP needs to be revised for following reason, if site is not accepted in BCP and requires work under spills:- the plan proposes not to analyze samples from SB1 through SB5 for VOCs. the department requires all soil and groundwater samples analyzed for VOCs and SVOCs09/19/13-Hiralkumar Patel.11:47 AM:- spoke with DEC Larry. he mentioned that more data is needed to make determination of the eligibility of the application. DEC Cozzy sent letter to property owner and asked to conduct proposed Phase II.reviewed letter.12:44 PM:- spoke with Larry. informed him that all soil and groundwater samples should be analyzed for VOCs and SVOCs. Larry stated that as site was only drop-off facility for dry cleaning business, there is no need for full list analyses. Larry will inform property owner to analyze all samples for VOCs also.11/26/13-Hiralkumar Patel.5:56 PM:- sent email to Larry inquiring update.11/27/13-Hiralkumar Patel.9:21 AM:- received email from Larry. he mentioned that water sample was collected beneath the area of the former UST, which shows BTEX. Larry mentioned that the site was accepted into the BCP on 11/18/13.12/06/13-Hiralkumar Patel.10:14 AM:- spoke with DEC Larry. as site has been accepted in BCP, case assigned to Larry.\*\*little 'E' designation for Hazmat/Noise.\*\*\* -----  
contamination based on lab results/clean up pending

Remarks:

Material:

Site ID: 483468  
Operable Unit ID: 1233176  
Operable Unit: 01  
Material ID: 2232054  
Material Code: 0066A  
Material Name: UNKNOWN PETROLEUM  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: Gallons  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

BROWNFIELDS:

Program: BCP  
Site Code: 485965  
Site Description: Location: The site is located on the north side of Grand Street,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER BENNETT TRUCKING CORP. (Continued)**

**S113818149**

between Bushwick Avenue and Olive Street, in the East Williamsburg section of the Borough of Brooklyn, City of New York, Kings County. The site is identified by the street address of 845 Grand Street and as Borough 3 - Block 2922 - Lot No. 47. The site is approximately 0.19 acres in size. Site Features: The site is currently developed with a one-story commercial building with a partial basement. Current Zoning/Use: The property is currently vacant but was its use was for commercial. The intended use of the site is for restricted residential. Historical Use: The site was an undeveloped portion of a larger residential property from at least 1888 through 1907. By 1928 the site was developed with a garage, later occupied by a motor freight company. By 1977 the building was occupied by a warehouse and non-specific commercial uses, with tenants including a sanitation company and a coffee distributor. Circa 2009 the building was converted to its current use as a laundromat/dry cleaner and a retail store. Site Geology and Hydrogeology: Subsurface soils at the site consist of a silty non-native fill with bricks, wood and other rubble to approximately 5 to 15 feet below grade. Groundwater is present under water table conditions at a depth of approximately 35 feet below the surface and is expected to flow west toward the East River.

Env Problem: Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available.

Health Problem: Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.

AC131  
WSW  
1/8-1/4  
0.235 mi.  
1240 ft.

**CON EDISON SERVICE BOX: 14319  
282 LEONARD ST  
BROOKLYN, NY 11211**

**RCRA NonGen / NLR 1016455043  
NYP004342192**

**Site 1 of 3 in cluster AC**

Relative:  
Lower

RCRA NonGen / NLR:

Date form received by agency: 09/06/2013

Facility name: CON EDISON SERVICE BOX: 14319

Facility address: 282 LEONARD ST  
BROOKLYN, NY 11211

EPA ID: NYP004342192  
Mailing address: VING PL, 15TH FL NE  
NEW YORK, NY 10003

Contact: THOMAS TEELING

Contact address: Not reported

Not reported

Contact country: Not reported

Contact telephone: (212) 460-3770

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CON EDISON SERVICE BOX: 14319 (Continued)**

**1016455043**

Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/06/2013  
Site name: CON EDISON SERVICE BOX: 14319  
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

**AC132**  
**WSW**  
**1/8-1/4**  
**0.237 mi.**  
**1252 ft.**

**LEONARD ARMS INC**  
**85 DEVOE ST**  
**BROOKLYN, NY 11211**  
**Site 2 of 3 in cluster AC**

**NY AST U003393363**  
**NY HIST AST N/A**

**Relative:**  
**Lower**

AST:

**Actual:**  
**32 ft.**

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-338486  
Program Type: PBS  
UTM X: 588930.14046999998  
UTM Y: 4507461.2738399999  
Expiration Date: 10/29/2017  
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 16268  
Affiliation Type: Facility Owner  
Company Name: DAVID SMITH/LEONARD ARMS  
Contact Type: PRESIDENT  
Contact Name: D. SMITH  
Address1: 1 VALLEY VIEW DRIVE  
Address2: Not reported  
City: MONTVILLE  
State: NJ  
Zip Code: 07045  
Country Code: 001  
Phone: (201) 263-0343  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DXLIVING  
Date Last Modified: 8/20/2007

Site Id: 16268  
Affiliation Type: Mail Contact  
Company Name: AGGRESSIVE HEATING, INC.  
Contact Type: Not reported  
Contact Name: MARSHA BALLOW  
Address1: 78 RAPELYE ST.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEONARD ARMS INC (Continued)**

**U003393363**

Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11231  
Country Code: 001  
Phone: (718) 836-9222  
EMail: Not reported  
Fax Number: Not reported  
Modified By: dxliving  
Date Last Modified: 10/30/2007

Site Id: 16268  
Affiliation Type: On-Site Operator  
Company Name: LEONARD ARMS INC  
Contact Type: Not reported  
Contact Name: DAVID SMITH  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 387-0188  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 16268  
Affiliation Type: Emergency Contact  
Company Name: DAVID SMITH/LEONARD ARMS  
Contact Type: Not reported  
Contact Name: AGGRESSIVE HEATING  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 836-9222  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DXLIVING  
Date Last Modified: 8/20/2007

Tank Info:

Tank Number: 001  
Tank Id: 27783  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEONARD ARMS INC (Continued)**

**U003393363**

B00 - Tank External Protection - None  
K00 - Spill Prevention - None  
J00 - Dispenser - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
L00 - Piping Leak Detection - None  
G03 - Tank Secondary Containment - Vault (w/o access)  
E00 - Piping Secondary Containment - None  
H00 - Tank Leak Detection - None

Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: 12/20/1995  
Capacity Gallons: 5000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: KAKYER  
Last Modified: 11/21/2012  
Material Name: #2 Fuel Oil (On-Site Consumption)

**HIST AST:**

PBS Number: 2-338486  
SWIS Code: 6101  
Operator: DAVID SMITH  
Facility Phone: (718) 387-0188  
Facility Addr2: 85 DEVOE ST  
Facility Type: APARTMENT BUILDING  
Emergency: NEW UTRECH & FUEL OIL  
Emergency Tel: (718) 325-5103  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: LEONARD ARMS INC  
Owner Address: 85 DEVOE ST  
Owner City,St,Zip: BROOKLYN, NY 11211-0000  
Federal ID: Not reported  
Owner Tel: (718) 387-0188  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Contact: DAVID SMITH  
Mailing Name: LEONARD ARMS INC  
Mailing Address: 1 VALLEY VIEW DRIVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: MONTVILLE, NJ 07045  
Mailing Telephone: (201) 263-0343  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
Certification Flag: False  
Certification Date: 09/25/1997  
Expiration: 10/29/2002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEONARD ARMS INC (Continued)**

**U003393363**

Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 5000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: Minor Data Missing  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2

Tank ID: 001  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 5000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Tank Containment: Diking  
Leak Detection: 0  
Overfill Protection: 4  
Dispenser Method: Gravity  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: False  
SPDES Number: Not reported  
Lat/Long: Not reported

AD133  
NNE  
1/8-1/4  
0.243 mi.  
1282 ft.

CON EDISON  
234 FROST  
BROOKLYN, NY 11211  
Site 1 of 2 in cluster AD

NY MANIFEST S112211082  
N/A

Relative:  
Lower

NY MANIFEST:  
EPA ID: NYP004272910  
Country: USA

Actual:  
29 ft.

Mailing Info:  
Name: CON EDISON  
Contact: TOM TEELING  
Address: 4 IRVING PLACE 15TH FLOOR  
City/State/Zip: NEW YORK, NY 10003  
Country: USA  
Phone: 212-460-3770

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CON EDISON (Continued)**

**S112211082**

Document ID: Not reported  
 Manifest Status: Not reported  
 Trans1 State ID: NJD003812047  
 Trans2 State ID: Not reported  
 Generator Ship Date: 2012-10-09  
 Trans1 Recv Date: 2012-10-09  
 Trans2 Recv Date: Not reported  
 TSD Site Recv Date: 2012-10-09  
 Part A Recv Date: Not reported  
 Part B Recv Date: Not reported  
 Generator EPA ID: NYP004272910  
 Trans1 EPA ID: Not reported  
 Trans2 EPA ID: Not reported  
 TSD ID: NJD991291105  
 Waste Code: Not reported  
 Quantity: 50.0  
 Units: G - Gallons (liquids only)\* (8.3 pounds)  
 Number of Containers: 1.0  
 Container Type: TT - Cargo tank, tank trucks  
 Handling Method: T Chemical, physical, or biological treatment.  
 Specific Gravity: 1.0  
 Year: 2012  
 Manifest Tracking Num: 001675151GBF  
 Import Ind: N  
 Export Ind: N  
 Discr Quantity Ind: N  
 Discr Type Ind: N  
 Discr Residue Ind: N  
 Discr Partial Reject Ind: N  
 Discr Full Reject Ind: N  
 Manifest Ref Num: Not reported  
 Alt Fac RCRA Id: Not reported  
 Alt Fac Sign Date: Not reported  
 Mgmt Method Type Code: H141

**AD134**  
**NNE**  
**1/8-1/4**  
**0.246 mi.**  
**1298 ft.**

**CON EDISON SERVICE BOX: 11845**  
**243 FROST ST**  
**BROOKLYN, NY 11211**  
**Site 2 of 2 in cluster AD**

**RCRA-CESQG 1016148711**  
**FINDS NYP004272910**

**Relative:**  
**Lower**

RCRA-CESQG:

Date form received by agency: 10/09/2012  
 Facility name: CON EDISON SERVICE BOX: 11845  
 Facility address: 243 FROST ST  
 BROOKLYN, NY 11211

**Actual:**  
**29 ft.**

EPA ID: NYP004272910  
 Mailing address: IRVING PL, RM 828  
 NEW YORK, NY 10003  
 Contact: CHRISTOPHER HOGAN

Contact address: Not reported  
 Not reported  
 Contact country: Not reported  
 Contact telephone: (212) 460-4689  
 Contact email: Not reported

EPA Region: 02  
 Classification: Conditionally Exempt Small Quantity Generator  
 Description: Handler: generates 100 kg or less of hazardous waste per calendar

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CON EDISON SERVICE BOX: 11845 (Continued)**

**1016148711**

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110055453860

Environmental Interest/Information System

135  
 WSW  
 1/8-1/4  
 0.246 mi.  
 1299 ft.

**SAM'S SAME DAY DRYCLEANERS**  
**171 AINSLIE(256 LEONARD) STREET**  
**BROOKLYN, NY 11211**

**NY DRYCLEANERS S110247859**  
**N/A**

Relative:  
 Lower

DRYCLEANERS:  
 Facility ID: 2-6101-00796  
 Phone Number: 718-387-4461  
 Region: Not reported  
 Registration Effective Date: N/A  
 Inspection Date: 11/18/03  
 Install Date: Not reported  
 Drop Shop: Y  
 Shutdown: Not reported  
 Alternate Solvent: Not reported  
 Current Business: Not reported

Actual:  
 32 ft.

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**AC136**    **LEONARD BRANCH**  
**WSW**     **81 DEVOE STREET**  
**1/8-1/4**   **BROOKLYN, NY 11211**  
**0.247 mi.**  
**1306 ft.**   **Site 3 of 3 in cluster AC**

**NY AST**    **U000408686**  
**NY HIST AST**    **N/A**

**Relative:**  
**Lower**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Unregulated/Closed  
Facility Id: 2-345199  
Program Type: PBS  
UTM X: 588915.06879000005  
UTM Y: 4507459.2069100002  
Expiration Date: 12/14/1997  
Site Type: Other

**Actual:**  
**31 ft.**

Affiliation Records:  
Site Id: 16827  
Affiliation Type: Facility Owner  
Company Name: BROOKLYN PUBLIC LIBRARY  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 1 GRAND ARMY PLAZA  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11238  
Country Code: 001  
Phone: (718) 780-7707  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 16827  
Affiliation Type: Mail Contact  
Company Name: BROOKLYN PUBLIC LIBRARY  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 1 GRAND ARMY PLAZA  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11238  
Country Code: 001  
Phone: (718) 780-7707  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 16827  
Affiliation Type: On-Site Operator  
Company Name: LEONARD BRANCH  
Contact Type: Not reported  
Contact Name: BROOKLYN PUBLIC LIBRARY  
Address1: Not reported  
Address2: Not reported  
City: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEONARD BRANCH (Continued)**

**U000408686**

State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 387-3800  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 16827  
Affiliation Type: Emergency Contact  
Company Name: BROOKLYN PUBLIC LIBRARY  
Contact Type: Not reported  
Contact Name: BUILDINGS & MAINTENANCE  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 780-7707  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001  
Tank Id: 32752  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
G03 - Tank Secondary Containment - Vault (w/o access)  
B00 - Tank External Protection - None  
H00 - Tank Leak Detection - None

Tank Location: 6  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - In Place  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 2500  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEONARD BRANCH (Continued)**

**U000408686**

Material Name: #2 Fuel Oil (On-Site Consumption)

HIST AST:

PBS Number: 2-345199  
SWIS Code: 6101  
Operator: BROOKLYN PUBLIC LIBRARY  
Facility Phone: (718) 387-3800  
Facility Addr2: 81 DEVOE STREET  
Facility Type: OTHER  
Emergency: BUILDINGS & MAINTENANCE  
Emergency Tel: (718) 780-7707  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: BROOKLYN PUBLIC LIBRARY  
Owner Address: 1 GRAND ARMY PLAZA  
Owner City,St,Zip: BROOKLYN, NY 11238  
Federal ID: Not reported  
Owner Tel: (718) 780-7707  
Owner Type: Local Government  
Owner Subtype: Not reported  
Mailing Contact: Not reported  
Mailing Name: BROOKLYN PUBLIC LIBRARY  
Mailing Address: 1 GRAND ARMY PLAZA  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11238  
Mailing Telephone: (718) 780-7707  
Owner Mark: First Owner  
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.  
Certification Flag: False  
Certification Date: 11/12/1992  
Expiration: 12/14/1997  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 0  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: 0  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2  
Tank ID: 001  
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS  
Tank Status: Closed-In Place  
Install Date: Not reported  
Capacity (Gal): 2500  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEONARD BRANCH (Continued)**

**U000408686**

Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Tank Containment: Diking  
Leak Detection: 0  
Overfill Protection: 4  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

137  
NW  
1/8-1/4  
0.248 mi.  
1309 ft.

**CON EDISON  
141 FROST ST  
BROOKLYN, NY 11217**

**NY MANIFEST S116043609  
N/A**

**Relative:  
Lower**

NY MANIFEST:  
EPA ID: NYP004399713  
Country: USA

**Actual:  
16 ft.**

Mailing Info:  
Name: CON EDISON  
Contact: CON EDISON  
Address: 4 IRVING PLACE  
Address 2: 15TH FL  
City/State/Zip: NEW YORK, NY 10003  
Country: USA  
Phone: Not reported

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD003812047  
Trans2 State ID: Not reported  
Generator Ship Date: 2013-12-04  
Trans1 Recv Date: 2013-12-04  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2013-12-11  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004399713  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD991291105  
Waste Code: Not reported  
Quantity: 180  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 1  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CON EDISON (Continued)**

**S116043609**

Specific Gravity: 1  
 Year: 2013  
 Manifest Tracking Num: 002298712GBF  
 Import Ind: N  
 Export Ind: N  
 Discr Quantity Ind: N  
 Discr Type Ind: N  
 Discr Residue Ind: N  
 Discr Partial Reject Ind: N  
 Discr Full Reject Ind: N  
 Manifest Ref Num: Not reported  
 Alt Fac RCRA Id: Not reported  
 Alt Fac Sign Date: Not reported  
 Mgmt Method Type Code: H110

**AE138**  
**South**  
**1/8-1/4**  
**0.249 mi.**  
**1314 ft.**

**253 GRAHAM AVE**  
**BROOKLYN, NY 11206**

**EDR US Hist Auto Stat 1015366536**  
**N/A**

**Site 1 of 3 in cluster AE**

**Relative:**  
**Lower**

EDR Historical Auto Stations:

Name: NEWTOPACIO CAR SERVICE INC  
 Year: 2002  
 Address: 253 GRAHAM AVE

**Actual:**  
**38 ft.**

Name: NEWTOPACIO CAR SERVICE INC  
 Year: 2003  
 Address: 253 GRAHAM AVE

Name: TOWNCAR TRANSPORTATION  
 Year: 2011  
 Address: 253 GRAHAM AVE

Name: TOWNCAR TRANSPORTATION  
 Year: 2012  
 Address: 253 GRAHAM AVE

**AB139**  
**SE**  
**1/4-1/2**  
**0.254 mi.**  
**1341 ft.**

**LOT 41,TAXBLOCK 2922**  
**871 GRAND STREET**  
**BROOKLYN, NY 11211**

**NY BROWNFIELDS S109942567**  
**NY E DESIGNATION N/A**

**Site 2 of 2 in cluster AB**

**Relative:**  
**Lower**

BROWNFIELDS:

Program: BCP  
 Site Code: 487645

**Actual:**  
**38 ft.**

Site Description: Location: This site is the off-site portion of the Former Scientific Fire Prevention BCP site# C224165. This site is located on the eastern half of the block between Powers and Grand Streets, in the Williamsburg section of Brooklyn, NY. Site Features: Multiple lots with a mix of commercial and residential land uses. Current Zoning and Land Uses: The BCP site is zoned R7A. These districts typically produce high-lot coverage, seven- and eight-story apartment buildings, blending with existing buildings in many established neighborhoods. The neighborhood is currently a mix of commercial and

MAP FINDINGS

**LOT 41,TAXBLOCK 2922 (Continued)**

**S109942567**

residential land uses. Progress High School is across Grand Street from the site.Past Uses of the Site: The immediate study off-site study area is and was residential. However, past uses in the general site vicinity, outside of the immediate study area included auto body shops and a commercial laundry.Site Geology and Hydrogeology: Groundwater at the BCP site is present at a depth of approximately 35 feet below grade. Groundwater flows to the southwest. Groundwater depth and flow direction are expected to be similar in the adjacent off-site study area. Subsurface soils at the BCP site consist of a silty non-native fill with bricks, wood and other rubble to approximately 2 feet below grade. At the BCP site, a native fine brown silty-sand is present immediately below the fill material to a depth of approximately 15 feet below grade. As the off-site investigation progresses, this information will be updated as appropriate.

Env Problem: Nature and Extent of Contamination: Based upon the remedial investigation at the BCP site, the primary contaminants of concern are expected to be trichloroethene (TCE) and tetrachloroethene (PCE) which were found in the BCP site soil, groundwater and soil vapor. Some pesticides, such as chlordane and dieldrin were also found in site soils and groundwater, and 4,4,4-DDD found in site soil. The BCP site soils also contained some semi-volatile organic compounds (SVOCs), such as benzo(a)pyrene, benzo(a) anthracene and benzo(b)fluoranthene.The off-site investigation has not begun, therefore this section will be updated to reflect the investigation results as data become available.Significant Threat: It is not yet known whether there is a significant off-site environmental threat due to contamination at the BCP site. This section will be updated as data become available.

Health Problem: Volatile organic compounds may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air or buildings, is referred to as soil vapor intrusion. Environmental sampling indicates that soil vapor intrusion may represent a concern for off-site buildings.

Program: BCP

Site Code: 468207

Site Description: Location: The site is located at 871 Grand Street in the Williamsburg section of Brooklyn, NY. The site is comprised of a single tax parcel, Section 3, Block 2922, lot 41 and occupies 0.06 acres.Site Features: The lot is currently developed with a one-story slab-on-grade concrete block building which occupies the entire lot. The building was constructed in 1981 according to the NYC Department of Buildings.Current Zoning and Land Uses: The site is currently vacant. The building was commercial, but is currently unoccupied. The intended use of the site is residential. The site is zoned R7A. These districts typically produce high-lot coverage, seven- and eight-story apartment buildings, blending with existing buildings in many established neighborhoods. The neighborhood is currently a mix of commercial and residential land uses. Progress High School is across Grand Street from the site.Past Use of the Site: Historical records show the subject site as being developed prior to 1887 with a two-story wheelwright located at the street front, and detached one-story shed located in the rear yard. By 1907, the two- story building was converted for use by a horseshoer, which included two

MAP FINDINGS

**LOT 41,TAXBLOCK 2922 (Continued)**

**S109942567**

horse stables in the rear yard. In the 1930's through the 1950's, the subject site building was used for paper storage and tile storage. The building was then used in the 1960's and 1970's by a metal products manufacturer, Scientific Fire Prevention Inc., until it was demolished in 1981. The subject site lot was then redeveloped in 1981 with the one-story concrete block commercial building that currently remains at the site. Site Geology and Hydrogeology: Groundwater at the site is present at a depth of approximately 35 feet below grade. Groundwater flows to the southwest. Subsurface soils at the site consist of a silty non-native fill with bricks, wood and other rubble to approximately 2 feet below grade. A native fine brown silty-sand is present immediately below the fill material to a depth of approximately 15 feet below grade.

Env Problem: Nature and Extent of Contamination: Based upon the remedial investigation, the primary contaminants of concern at the site are trichloroethene (TCE) and tetrachloroethene (PCE) found in site soil, groundwater and soil vapor, as well as some pesticides, such as chlordane and dieldrin in site soils and groundwater, and 4,4,4-DDD in site soil. Site soils also contained some semi-volatile organic compounds (SVOCs), such as benzo(a)pyrene, benzo(a) anthracene and benzo(b)fluoranthene. Soil: TCE and PCE were encountered in shallow (3-5 feet) soil samples with the highest levels at 350 parts per million (ppm), and 36 ppm, respectively compared to the unrestricted use soil cleanup objectives (UUSCO) of 0.47 ppm and 1.3 ppm, respectively. A TCE/PCE hot spot was identified near the south end of the property. One sample from 12-14 feet showed elevated levels of pesticides such as chlordane at 0.76 ppm versus the UUSCO of 0.094 ppm and 4,4-DDT at 0.16 ppm vs the UUSCO of 0.0033 ppm. The top two feet of site soils are historic fill. Sampling in shallow soils showed elevated levels of other VOCs, such as 1,3 and 1,4 dichlorobenzene, as well as SVOCs and pesticides as noted above. No metals exceeding UUSCOs were encountered. Groundwater: TCE and PCE were found in groundwater throughout the site. The levels of TCE marginally exceeded the groundwater standards at a maximum of 9.4 parts per billion (ppb) versus a standard of 5 ppb, while PCE was detected at a slightly higher concentration, at a maximum of 24 ppb versus a standard of 5 ppb. Dieldrin was detected at 0.033 ppb versus a standard of 0.004 ppb. The metals detected in groundwater (i.e., magnesium, manganese and sodium) are naturally occurring and/or not site-related. Groundwater is 35 feet below grade. Soil Vapor: Soil vapor samples were collected at 12 feet below ground surface. TCE was detected in every soil vapor sample collected. The highest TCE soil gas concentration was 3,620 micrograms per cubic meter (ug/m3), while the highest PCE soil gas concentration was 214 ug/m3. Significant Threat: The site presents a significant threat to human health due to the ongoing releases of contaminants from source areas to soil vapor.

Health Problem: Direct contact with contamination in the soil and groundwater are not expected because the site is covered by a building. Volatile organic compounds may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air or buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants in indoor air for any future on-site redevelopment and occupancy. Furthermore, environmental sampling indicates that soil vapor intrusion may represent a concern for off-site buildings.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LOT 41,TAXBLOCK 2922 (Continued)

S109942567

E DESIGNATION:  
Tax Lot(s): 41  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 301  
Census Tract: 481  
Census Block: 2002  
School District: 14  
City Council District: 34  
Fire Company: E206  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C2-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: F9  
Land Use Category: 06  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: RUGGIERO GIUSEPPE  
Lot Area: 000002500  
Total Building Floor Area: 0000002500  
Commercial Floor Area: 0000002500  
Office Floor Area: 0000000000  
Retail Floor Area: 0000000000  
Garage Floor Area: 0000000000  
Storage Floor Area: 0000000000  
Factory Floor Area: 0000002500  
Other Floor Area: 0000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00001  
Lot Frontage: 0025.00  
Lot Depth: 0100.00  
Building Frontage: 0025.00  
Building Depth: 0100.00  
Proximity Code: 2  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000013500  
Total Assessed Value: 00000036990  
Land Exempt Value: 00000000000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 41,TAXBLOCK 2922 (Continued)**

**S109942567**

Total Exempt Value: 00000000000  
Year Built: 1981  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.00  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3029220041  
Condominium Number: 00000  
Census Tract 2: 0481  
X Coordinate: 1001093  
Y Coordinate: 0198885  
Zoning Map: 13B  
Sanborn Map: 309 024  
Tax Map: 31002  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 41  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 481  
Census Block: 2002  
School District: 14  
City Council District: 34  
Fire Company: E206  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C2-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: F9  
Land Use Category: 06

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 41,TAXBLOCK 2922 (Continued)**

**S109942567**

Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: RUGGIERO GIUSEPPE  
Lot Area: 000002500  
Total Building Floor Area: 0000002500  
Commercial Floor Area: 0000002500  
Office Floor Area: 0000000000  
Retail Floor Area: 0000000000  
Garage Floor Area: 0000000000  
Storage Floor Area: 0000000000  
Factory Floor Area: 0000002500  
Other Floor Area: 0000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00001  
Lot Frontage: 0025.00  
Lot Depth: 0100.00  
Building Frontage: 0025.00  
Building Depth: 0100.00  
Proximity Code: 2  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000013500  
Total Assessed Value: 00000036990  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1981  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.00  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3029220041  
Condominium Number: 00000  
Census Tract 2: 0481  
X Coordinate: 1001093  
Y Coordinate: 0198885  
Zoning Map: 13B  
Sanborn Map: 309 024  
Tax Map: 31002  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

140  
NE  
1/4-1/2  
0.255 mi.  
1344 ft.

COOPER PARK -NYCHA  
295 JACKSON ST  
BROOKLYN, NY

NY LTANKS S106722316  
NY Spills N/A

Relative:  
Lower

LTANKS:

Actual:  
31 ft.

Site ID: 64539  
Spill Number/Closed Date: 9414384 / 3/29/1996  
Spill Date: 1/31/1995  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: HEALY  
Referred To: Not reported  
Reported to Dept: 1/31/1995  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 2/2/1995  
Spill Record Last Update: 12/16/2005  
Spiller Name: Not reported  
Spiller Company: NYC HOUSING AUTHORITY  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 204947  
DEC Memo: Not reported  
Remarks: TANK TEST-GROSS FAILURE

Material:

Site ID: 64539  
Operable Unit ID: 1007967  
Operable Unit: 01  
Material ID: 373126  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COOPER PARK -NYCHA (Continued)**

**S106722316**

Site ID: 64539  
Spill Tank Test: 1543587  
Tank Number: 002  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

Site ID: 315998  
Spill Number/Closed Date: 9414271 / 3/29/1996  
Spill Date: 1/27/1995  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: HEALY  
Referred To: Not reported  
Reported to Dept: 1/27/1995  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 1/27/1995  
Spill Record Last Update: 12/16/2005  
Spiller Name: Not reported  
Spiller Company: NYC HOUSING AUTHORITY  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 204947  
DEC Memo: Not reported  
Remarks: TANK TEST FAILURE - COULD NOT MAINTAIN LEVEL

Material:  
Site ID: 315998  
Operable Unit ID: 1007841  
Operable Unit: 01  
Material ID: 373014  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COOPER PARK -NYCHA (Continued)**

**S106722316**

Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 315998  
Spill Tank Test: 1543579  
Tank Number: 001  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

Site ID: 250035  
Spill Number/Closed Date: 9515713 / 9/14/2009  
Spill Date: 3/7/1996  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: jkkann  
Referred To: Not reported  
Reported to Dept: 3/7/1996  
CID: 297  
Water Affected: Not reported  
Spill Notifier: Local Agency  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 3/7/1996  
Spill Record Last Update: 9/14/2009  
Spiller Name: PAUL GOLDSTEIN  
Spiller Company: NEW YORK CITY  
Spiller Address: 295 JACKSON ST  
Spiller City,St,Zip: BROOKLYN, NY 11211-001  
Spiller County: 001  
Spiller Contact: PAUL GOLSTEIN  
Spiller Phone: (212) 306-3233  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 204947  
DEC Memo: 12/16/05: This spill transferred from J.Kolleeny to S.Kraszewski.07/28/06: See DEc remarks for spill #9515837. - SK5/21/08: J.Kann - site reassigned to J.Kann. Investigative work Plan received.6/10/08: Spill 9515837 closed and consolidated with this spill.8/18/09: J.Kann - Site Assessment report submitted in June 2009. Report indicates sheen of product in one well (MW-1). Two other groundwater monitoring wells sampled and results indicate no

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COOPER PARK -NYCHA (Continued)**

**S106722316**

Remarks: exceedances. Follow up observations performed by the consultant indicate that the sheen was no longer present in August 2009. A site visit is planned for August 21 to observe groundwater sampling of the well.9/14/09: J.Kann - Site visit made on 8/21. No oil sheen present in the well (MW-1). Malcolm Pirnie sampled well. Summary of analysis submitted on 9/11. Information provided indicated all concentrations below guidance. Based on information received, spill closed.  
Not reported

Material:

Site ID: 250035  
Operable Unit ID: 1026766  
Operable Unit: 01  
Material ID: 355831  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 250036  
Spill Number/Closed Date: 9515837 / 6/10/2008  
Spill Date: 3/11/1996  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: jkkann  
Referred To: CONSOLIDATED WITH 9515713  
Reported to Dept: 3/11/1996  
CID: 312  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 3/11/1996  
Spill Record Last Update: 6/10/2008  
Spiller Name: CALLER  
Spiller Company: NYC HOUSING AUTHORITY  
Spiller Address: 250 BROADWAY  
Spiller City,St,Zip: MANHATTAN, NY 10007-001  
Spiller County: 001  
Spiller Contact: FRANK OCELLO  
Spiller Phone: (212) 306-3233

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COOPER PARK -NYCHA (Continued)**

**S106722316**

Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 204947  
DEC Memo: 12/16/05: This spill transferred from J.Kolleeny to S.Kraszewski.07/28/06: NYCHA update summary states that two 20K USTs installed in 1953 and store #2 oil are currently in service. Both spills due to TTFs caused by leaking man way gasket. Both repaired and retested. The tanks are rescheduled for testing in 2007. No site assessment available. NYCHA recommends a site assessment be performed during tank replacement. - SK09/26/06:Site status summary provided to DEC by NYCHA indicates that two monitoring wells are on site and that water/oil mixture is being bailed. Site was therefore identified as a high priority. Site transferred from S. Kraszewski to J. Kann - JK6/10/08: J.Kann - spill closed and consolidated with 9515713.  
Remarks: no apparent leak - tank failed

Material:

Tank Test:

Site ID: 250036  
Spill Tank Test: 1544431  
Tank Number: 1  
Tank Size: 20000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

SPILLS:

Facility ID: 0408049  
Facility Type: ER  
DER Facility ID: 267879  
Site ID: 332666  
DEC Region: 2  
Spill Date: 10/20/2004  
Spill Number/Closed Date: 0408049 / 10/25/2004  
Spill Cause: Abandoned Drums  
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: SMSANGES  
Referred To: Not reported  
Reported to Dept: 10/20/2004  
CID: 407  
Water Affected: Not reported  
Spill Source: Unknown  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**COOPER PARK -NYCHA (Continued)**

**S106722316**

Remediation Phase: 0  
 Date Entered In Computer: 10/20/2004  
 Spill Record Last Update: 10/25/2004  
 Spiller Name: Not reported  
 Spiller Company: Not reported  
 Spiller Address: 2 PETTICOAT LA  
 Spiller City,St,Zip: TOWN OF BRUNSWICK, NY  
 Spiller Company: 001  
 Contact Name: ALEX LUGO  
 Contact Phone: (718) 389-9230  
 DEC Memo: Sangesland confirmed that Housing Authority drained and removed both the 2- 55 gal drums and the 275 gal tank from the site. Spill Closed  
 Remarks: Caller states someone broke into their compound and left a 275 gallon tank and 2 55 gallon drums there. They pumped out the rest of the tank and the 2 drums, they are in process of cleaning the spilled oil out of the drum.

Material:  
 Site ID: 332666  
 Operable Unit ID: 1094885  
 Operable Unit: 01  
 Material ID: 575018  
 Material Code: 0015  
 Material Name: Motor Oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: 6  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not reported  
 Oxygenate: False

Tank Test:

141  
 SE  
 1/4-1/2  
 0.263 mi.  
 1388 ft.

**J & M AUTO REPAIRS  
 881-885 GRAND ST  
 BROOKLYN, NY 11211**

**RCRA NonGen / NLR 1000458276  
 FINDS NYD986936649  
 NY LTANKS  
 NY MANIFEST**

**Relative:  
 Lower**

RCRA NonGen / NLR:  
 Date form received by agency: 01/01/2007  
 Facility name: J & M AUTO REPAIRS  
 Facility address: 881-885 GRAND ST  
 BROOKLYN, NY 112115001  
 EPA ID: NYD986936649  
 Mailing address: METROPOLITAN AVE  
 QUEENS, NY 11385  
 Contact: Not reported  
 Contact address: METROPOLITAN AVE  
 QUEENS, NY 11385  
 Contact country: US  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 02  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:  
 37 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**J & M AUTO REPAIRS (Continued)**

**1000458276**

Owner/Operator Summary:

Owner/operator name: GEORGE ADOMAITES  
Owner/operator address: 56-29 METROPOLITAN AVE  
QUEENS, NY 11385  
Owner/operator country: US  
Owner/operator telephone: (718) 366-1881  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: GEORGE ADOMAITES  
Owner/operator address: 56-29 METROPOLITAN AVE  
QUEENS, NY 11385  
Owner/operator country: US  
Owner/operator telephone: (718) 366-1881  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Site name: J & M AUTO REPAIRS  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Site name: J & M AUTO REPAIRS  
Classification: Not a generator, verified

Date form received by agency: 01/11/1991  
Site name: J & M AUTO REPAIRS  
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004458827

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**J & M AUTO REPAIRS (Continued)**

**1000458276**

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LTANKS:

Site ID: 92038  
Spill Number/Closed Date: 8901284 / 7/21/2008  
Spill Date: 5/9/1989  
Spill Cause: Tank Test Failure  
Spill Source: Gasoline Station  
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: MJHAGGER  
Referred To: Not reported  
Reported to Dept: 5/9/1989  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 5/9/1989  
Spill Record Last Update: 7/22/2008  
Spiller Name: Not reported  
Spiller Company: SAME  
Spiller Address: Not reported  
Spiller City,St,Zip: NN  
Spiller County: 999  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 30485  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ROMMEL"SEE SPILL NUMBER 8908532.4/12/04-Vought-Spill transferred from Sullivan to Rommel as per Rommel.2/2/07 - Haggerty - Alphonse Milo (718-388-7575) brought the property shortly after the tank test failures and is still owner today. He states he is will be building a parking lot on the subject property and all soil will be excavated for the foundation. I instructed Mr. Milo to contact the DEC as soon as possible because there is a good chance contamination is present. Spill to remain open10/4/07 - Haggerty - received Phase II subsurface Investigation report from Al Milo. Phase II completed to satisfy the bank requirement. Report states that all soil samples and groundwater samples are below standards. MW's in the area surrounding the former tank field. No groundwater contamination was detected. PM stated that all tanks must be properly closed out in PBS wether tanks are registered or previously unknown and this spill will remain open

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**J & M AUTO REPAIRS (Continued)**

**1000458276**

Remarks: until this is resolved.07/21/08 - Haggerty: Spoke with Mrs. Milo. She stated that the PBS issue has been resolved. I checked the PBS records to confirm. PBS# 2-478075. Spill closed  
THREE 550 GALLON TANKS FAIL HORNER-EZY CHEK - LR = -0.11982 GPH. NO DECISION ON ACTION TO BE TAKEN..

Material:

Site ID: 92038  
Operable Unit ID: 927414  
Operable Unit: 01  
Material ID: 449034  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: True  
Site ID: 92038  
Operable Unit ID: 927414  
Operable Unit: 01  
Material ID: 2135635  
Material Code: 1213A  
Material Name: MTBE (METHYL-TERT-BUTYL ETHER)  
Case No.: 01634044  
Material FA: Hazardous Material  
Quantity: Not reported  
Units: Not reported  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: True

Tank Test:

Site ID: 92038  
Spill Tank Test: 1535443  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

NY MANIFEST:

EPA ID: NYD986936649  
Country: USA

Mailing Info:

Name: KALCO PUMP & TANK  
Contact: KALCO PUMP & TANK  
Address: 45-01 20TH AVE  
City/State/Zip: LONG ISLAND CITY, NY 11106

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**J & M AUTO REPAIRS (Continued)**

**1000458276**

Country: USA  
Phone: 718-626-8083

Document ID: NYB2043576  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: VH6911  
Trans2 State ID: Not reported  
Generator Ship Date: 910208  
Trans1 Recv Date: 910208  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 910208  
Part A Recv Date: 910228  
Part B Recv Date: 910308  
Generator EPA ID: NYD986936649  
Trans1 EPA ID: NYD980592570  
Trans2 EPA ID: Not reported  
TSDf ID: NYD082785429  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00600  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 91

**AE142**  
**SSW**  
**1/4-1/2**  
**0.271 mi.**  
**1433 ft.**

**151 MAUJER ST**  
**151 MAUJER STREET**  
**BROOKLYN, NY**  
**Site 2 of 3 in cluster AE**

**NY LTANKS** **S101508983**  
**N/A**

**Relative:**  
**Lower**

LTANKS:  
Site ID: 233375  
Spill Number/Closed Date: 9414176 / 2/28/2003  
Spill Date: 1/25/1995  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: No spill occurred. No DEC Response. No corrective action required.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: TOMASELLO  
Referred To: Not reported  
Reported to Dept: 1/25/1995  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 2/16/1995  
Spill Record Last Update: 2/28/2003  
Spiller Name: Not reported  
Spiller Company: UNKNOWN  
Spiller Address: Not reported

**Actual:**  
**38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

151 MAUJER ST (Continued)

S101508983

Spiller City,St,Zip: NY  
Spiller County: 999  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 192302  
DEC Memo: Not reported  
Remarks: Not reported

Material:

Site ID: 233375  
Operable Unit ID: 1007757  
Operable Unit: 01  
Material ID: 372923  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 233375  
Spill Tank Test: 1543568  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

AE143  
SSW  
1/4-1/2  
0.278 mi.  
1469 ft.

**WILLIAMSBURG**  
**144 MAUJER ST & GRAHAM ST**  
**NEW YORK CITY, NY**

**NY LTANKS S102671371**  
**N/A**

**Site 3 of 3 in cluster AE**

**Relative:**  
**Lower**

**LTANKS:**

Site ID: 304525  
Spill Number/Closed Date: 8809821 / 12/4/1992  
Spill Date: 3/21/1989  
Spill Cause: Tank Overfill  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Unable/unwilling Responsible Party. Corrective action taken. (ISR)  
Cleanup Ceased: 12/4/1992  
Cleanup Meets Standard: True  
SWIS: 2401  
Investigator: HEALY  
Referred To: Not reported

**Actual:**  
**38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG (Continued)**

**S102671371**

Reported to Dept: 3/21/1989  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Fire Department  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 3/23/1989  
Spill Record Last Update: 9/7/1994  
Spiller Name: Not reported  
Spiller Company: NYC HSG AUTH  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 245979  
DEC Memo: Not reported  
Remarks: SPILL HAPPENED DURING A TRANSFER OF OIL FROM ONE TANK TO ANOTHER, CAP WAS NOT TIGHTENED IN FILL BOX, OIL SPILLED ON ROADWAY & 40 GALLONS IN SEWER.

Material:

Site ID: 304525  
Operable Unit ID: 926081  
Operable Unit: 01  
Material ID: 450993  
Material Code: 0003A  
Material Name: #6 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 200  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

144  
SSW  
1/4-1/2  
0.286 mi.  
1510 ft.

**WILLIAMSBURG HOUSES**  
**128 MAUJER STREET**  
**BROOKLYN, NY 11206**

**NY LTANKS U002034231**  
**NY HIST UST N/A**  
**NY Spills**

Relative:  
Higher

LTANKS:

Site ID: 128131  
Spill Number/Closed Date: 9104201 / 4/27/1995  
Spill Date: 7/19/1991  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:  
39 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**U002034231**

Cleanup Ceased: 4/27/1995  
Cleanup Meets Standard: True  
SWIS: 2401  
Investigator: HEALY  
Referred To: Not reported  
Reported to Dept: 7/19/1991  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 7/22/1991  
Spill Record Last Update: 1/17/2006  
Spiller Name: Not reported  
Spiller Company: NYCHA  
Spiller Address: 250 BROADWAY  
Spiller City,St,Zip: NEW YORK, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 105628  
DEC Memo: Not reported  
Remarks: 8K TANK HORNER EZY CHECK; VISUAL GROSS LEAK, WILL REPAIR & RETEST.  
SEE SPILL # 9305275

Material:

Site ID: 128131  
Operable Unit ID: 958108  
Operable Unit: 01  
Material ID: 423293  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Not reported  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 128131  
Spill Tank Test: 1538781  
Tank Number: 001  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**U002034231**

Site ID: 131045  
Spill Number/Closed Date: 9314699 / 3/23/1994  
Spill Date: 3/15/1994  
Spill Cause: Tank Overfill  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 3/23/1994  
Cleanup Meets Standard: True  
SWIS: 2401  
Investigator: HEALY  
Referred To: Not reported  
Reported to Dept: 3/15/1994  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Local Agency  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 3/21/1994  
Spill Record Last Update: 1/17/2006  
Spiller Name: Not reported  
Spiller Company: NYC HOUS. AUTH.  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 105628  
DEC Memo: Not reported  
Remarks: CONTAINED CLEANED UP BY BAYSIDE FUEL OIL - PUT INTO DRUM - SPEEDY DRY  
USED. 350/PM CALLED GENTILE - SPILL ON CONCRETE & ASPHALT AT PARKING  
LOT - FUEL CO. & H.A. CLEANED UP QUICKLY BECAUSE IT WAS RAINI

Material:

Site ID: 131045  
Operable Unit ID: 996626  
Operable Unit: 01  
Material ID: 386486  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 100  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 131045  
Spill Tank Test: 1542497  
Tank Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**U002034231**

Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

Site ID: 121683  
Spill Number/Closed Date: 9305275 / Not Reported  
Spill Date: 7/28/1993  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: jkkann  
Referred To: Not reported  
Reported to Dept: 7/28/1993  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 1

Date Entered In Computer: 7/29/1993  
Spill Record Last Update: 8/4/2008  
Spiller Name: Not reported  
Spiller Company: NYC HOUSING AUTH.  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 105628  
DEC Memo: 01/17/06: This spill transferred from J.Kolleeny to S.Kraszewski. Two TTF for tank 001 and it was replaced in 1994. No contamination evident during the removal. However, this open spill number exists and a site assessment must be performed. - SK09/01/06: DEC Lead for this spill changed from "unassigned" to S. Kraszewski. - J. Kolleeny02/09/07 - J.Kann - Spill reassigned from S.Kraszewski to J.Kann.08/04/08- J.Kann - Spill 9113231 (same address) closed and consolidated with this spill. J.kann

Remarks: PROB. EMPTY TANK AND CHECK FOR LEAK RATE.

Material:  
Site ID: 121683  
Operable Unit ID: 986780  
Operable Unit: 01  
Material ID: 395207  
Material Code: 0002A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**U002034231**

Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Not reported  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 121683  
Spill Tank Test: 1541817  
Tank Number: 001  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

**HIST UST:**

PBS Number: 2-601883  
SPDES Number: Not reported  
Emergency Contact: EMERGENCY SERVICE SQUAD  
Emergency Telephone: (212) 289-3940  
Operator: RAFAEL VELEZ  
Operator Telephone: (212) 306-3142  
Owner Name: NYC HOUSING AUTHORITY  
Owner Address: 250 BROADWAY  
Owner City,St,Zip: NEW YORK, NY 10007  
Owner Telephone: (212) 306-3142  
Owner Type: Local Government  
Owner Subtype: 51  
Mailing Name: NYC HOUSING AUTHORITY  
Mailing Address: 250 BROADWAY  
Mailing Address 2: 16TH FLOOR - REMEDIATION SECTION  
Mailing City,St,Zip: NEW YORK, NY 10007  
Mailing Contact: FRANK OCELLO  
Mailing Telephone: (212) 306-3142  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
Facility Addr2: Not reported  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: APARTMENT BUILDING  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: 10/29/1999  
Expiration Date: 06/02/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**U002034231**

Renew Flag: False  
Renewal Date: Not reported  
Total Capacity: 14400  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: Minor Data Missing  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2

Tank Id: 001  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: 09/01/1994  
Capacity (gals): 7000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Fiberglass  
Pipe Location: Underground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: Not reported  
Second Containment: Vault (w/access)  
Leak Detection: Electronic  
Overfill Prot: High Level Alarm, Product Level Gauge  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: 09/01/2009  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

**SPILLS:**

Facility ID: 9506468  
Facility Type: ER  
DER Facility ID: 105628  
Site ID: 121686  
DEC Region: 2  
Spill Date: 8/24/1995  
Spill Number/Closed Date: 9506468 / 8/25/1995  
Spill Cause: Human Error  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: HEALY  
Referred To: Not reported  
Reported to Dept: 8/25/1995  
CID: Not reported  
Water Affected: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**U002034231**

Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Affected Persons  
Cleanup Ceased: 8/25/1995  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 8/25/1995  
Spill Record Last Update: 8/28/1995  
Spiller Name: Not reported  
Spiller Company: B&G NATIONAL  
Spiller Address: 33-59 55TH STREET  
Spiller City,St,Zip: WOODSIDE, NY 11377  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Not reported  
Remarks: CONTRACTOR FOR BROOKLYN UNION GAS WAS CONVERTING BOILER ROOM FROM OIL TO DUAL FUEL-LEFT COVERS OFF OIL STRAINERS, CAUSED LEAK TO FLOOR DRAINS AND SUMP. NO OIL GOT INTO SEWER. CONTRACTOR TO CLEAN

Material:

Site ID: 121686  
Operable Unit ID: 1017247  
Operable Unit: 01  
Material ID: 364434  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 40  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 9113231  
Facility Type: ER  
DER Facility ID: 105628  
Site ID: 308874  
DEC Region: 2  
Spill Date: 3/27/1992  
Spill Number/Closed Date: 9113231 / 8/4/2008  
Spill Cause: Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: jkkann  
Referred To: CONSOLIDATED WITH 9305275  
Reported to Dept: 3/30/1992  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**U002034231**

Spill Notifier: Affected Persons  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 4/6/1992  
Spill Record Last Update: 8/4/2008  
Spiller Name: Not reported  
Spiller Company: NYCHA  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: 03/14/06: This spill assigned to K.Tang.8/4/08: Spill transferred to J.Kann and consolidated with spill 9305275. - J.Kann  
Remarks: ILLEGALLY ABANDONED TANKS - 6 VAULTED TANKS AND 6 UNDERGROUND TANKS ABOUT 7000 GALS EACH. NYC HSG INSPECTOR GENERAL OFFICE IS INVESTIGATING FURTHER

**Material:**

Site ID: 308874  
Operable Unit ID: 966835  
Operable Unit: 01  
Material ID: 414749  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Not reported  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Facility ID: 9412051  
Facility Type: ER  
DER Facility ID: 105628  
Site ID: 121684  
DEC Region: 2  
Spill Date: 12/9/1994  
Spill Number/Closed Date: 9412051 / 5/1/1995  
Spill Cause: Human Error  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: HEALY  
Referred To: Not reported  
Reported to Dept: 12/9/1994  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**U002034231**

Spill Notifier: Responsible Party  
Cleanup Ceased: 5/1/1995  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 12/15/1994  
Spill Record Last Update: 5/1/1995  
Spiller Name: Not reported  
Spiller Company: NYC HOUSING AUTHORITY  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Not reported  
Remarks: PUT FILL LINE TO SECONDARY CONTAINMENT-SPILL WENT ONTO LAWN AND CONCRETE-WILL RELIEVE PRESSURE AND CLEAN.

Material:

Site ID: 121684  
Operable Unit ID: 1009840  
Operable Unit: 01  
Material ID: 374387  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 136  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 121684  
Spill Tank Test: 1543436  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

Facility ID: 9107819  
Facility Type: ER  
DER Facility ID: 105628  
Site ID: 128132  
DEC Region: 2  
Spill Date: 10/22/1991  
Spill Number/Closed Date: 9107819 / 12/2/1994  
Spill Cause: Equipment Failure  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**U002034231**

Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: HEALY  
Referred To: Not reported  
Reported to Dept: 10/22/1991  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Responsible Party  
Cleanup Ceased: 12/2/1994  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 10/28/1991  
Spill Record Last Update: 1/17/2006  
Spiller Name: Not reported  
Spiller Company: NYCHA  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Not reported  
Remarks: 7K TANK; OIL ON CONCRETE FLOOR. WINSTON CLEANING UP & DISPOSING. WILL  
INVESTIGATE.

**Material:**

Site ID: 128132  
Operable Unit ID: 961898  
Operable Unit: 01  
Material ID: 420004  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 60  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 128132  
Spill Tank Test: 1539201  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

Facility ID: 9208264

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**U002034231**

Facility Type: ER  
DER Facility ID: 105628  
Site ID: 121682  
DEC Region: 2  
Spill Date: 10/16/1992  
Spill Number/Closed Date: 9208264 / 10/16/1992  
Spill Cause: Equipment Failure  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: HEALY  
Referred To: Not reported  
Reported to Dept: 10/16/1992  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Other  
Cleanup Ceased: 10/16/1992  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 10/20/1992  
Spill Record Last Update: 9/7/1994  
Spiller Name: Not reported  
Spiller Company: NYCHA  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller Company: 999  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Not reported  
Remarks: OIL FOUND IN STICKWELL AFTER DELIVERY-NYC HOUSING TO CLEANUP. CALLED JIM CAREY AT CASTLE OIL, OIL CAME OUT OF THE STICK HOLE CONTAMINATED SURROUNDING SOIL,NYCHA CALL CONTRACTOR TO PICK UP.

Material:  
Site ID: 121682  
Operable Unit ID: 975149  
Operable Unit: 01  
Material ID: 408857  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 15  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:  
Site ID: 121682  
Spill Tank Test: 1540723  
Tank Number: Not reported  
Tank Size: 0

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**U002034231**

Test Method: 00  
 Leak Rate: 0  
 Gross Fail: Not reported  
 Modified By: Spills  
 Last Modified: 10/1/2004  
 Test Method: Unknown

[Click this hyperlink](#) while viewing on your computer to access additional NY\_SPILL: detail in the EDR Site Report.

**145**  
**South**  
**1/4-1/2**  
**0.296 mi.**  
**1565 ft.**

**WILLIAMSBURG HOUSES -NYCHA**  
**188 TEN EYCK WALK**  
**BROOKLYN, NY**

**NY LTANKS** **S102149362**  
**NY Spills** **N/A**

**Relative:**  
**Higher**

**LTANKS:**

**Actual:**  
**41 ft.**

Site ID: 77200  
 Spill Number/Closed Date: 9802239 / 2/12/2010  
 Spill Date: 5/20/1998  
 Spill Cause: Tank Test Failure  
 Spill Source: Private Dwelling  
 Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Cleanup Ceased: Not reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: MXAJOKU  
 Referred To: SITE ASSESSMENT RCVD 6/07  
 Reported to Dept: 5/20/1998  
 CID: 198  
 Water Affected: Not reported  
 Spill Notifier: Local Agency  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 5/20/1998  
 Spill Record Last Update: 2/12/2010  
 Spiller Name: FRANK OCELLO  
 Spiller Company: NYC HOUSING AUTHORITY  
 Spiller Address: 250 BROADWAY  
 Spiller City,St,Zip: NEW YORK, NY 10007-001  
 Spiller County: 001  
 Spiller Contact: FRANK OCELLO  
 Spiller Phone: (212) 306-3229  
 Spiller Extention: Not reported  
 DEC Region: 2  
 DER Facility ID: 238486  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "BREEN"NYCHA is no longer using this UST, but has yet to permanently close it (remove it from the ground). The tank was installed in 1978. It tested OK in 1991. It failed testing on 5/20/98. A second, identical tank was installed alongside this tank in 1978. The second tank consistently tests OK and is still in service. George Breen12/07/05: This spill transferred from J.Kolleeny to S.Kraszewski.02/06/06: This spill transferred from S.Kraszewski to

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES -NYCHA (Continued)**

**S102149362**

Q.Abidi.04/04/06: This spill transferred from Q. Abidi to Koon Tang.06/19/06: SK received Email from Mohan Sharma from UTB consultants. As part of Schedule C of the NYCHA Order on Consent the tanks at this site are to be removed and replaced by the end of the month. Two 20K tanks, currently TOS will begin prep work on 06/22: cleaning, asbestos removal, piping. Once the prep work is finished, UTB will notify when the tanks will be pulled. I mentioned to Mohan that I wish to be on-site when they perform the tank removal. Waiting for second notice. Also, two tanks at 211 Stagg Walk, which are adjacent to this site are also being removed as part of Schedule C. No open spills for 211 Stagg Walk. - SK06/27/06: Received call from Frank Inoa, NYCHA Fuel Oil Remediation Unit. Oil recovery from the tanks is delaying the prep work. He expects to start uncovering the tanks next week and pull them the following week. Both he and Mohan Sharma from UTB will keep me updated. - SK07/07/06: Received an Email from UTB to notify of work to expose piping on July 12, 2006 in preparation for tank replacement. - SK09/08/06: Received email from Mohan Sharma at UTB informing me that the tanks will be pulled on 9/11 and 9/12 as part of Schedule C. - SK09/11/06: SK visited site to witness tank excavation. Two 20K USTs will be removed and replaced by one 20K UST. No soil or GW contamination was evident. Ivy Olberding (516-671-8440) from Gannett Fleming called asking about end-point sampling locations. I told her that I would like to be on-site when they perform the sampling. A Dorian Howard will be calling me to inform me when they will start sampling. - SK09/18/06: SK visited excavation site to instruct Gannett Fleming personnel where to collect end-point samples. UTB staff was finishing pumping out rainwater that collected into the pit. A single tank pad that supported both tanks was present. SK instructed that soil sidewall samples be collected at two points along the length of the pit and one at each end. Also, since a bottom sample cannot be obtained two samples along the length of the pad and one at each end would suffice. Staff asked about the fill port and sampling, GF said once the site has been restored they will remove fill port piping and excavate. - SK02/08/07 : DEC lead changed from S. Kraszewski to J. Kann. J.Kann8/14/08: JK - site assessment received on 6/07.01/28/2010: Remediation and other associated clean-up activities linked to this spill number is now under the oversight of Moses Ajoku, all correspondence related to this case should be addressed to me. (MA) 02/12/10: Spill number linked to this release is hereby closed following the review of Closure Assessment Report. Report document is in eDocs. (MA)

Remarks: GROSS FAILURE OF TANK TEST. See Spill No. 9413630 also for this site.

Material:

Site ID: 77200  
Operable Unit ID: 1060292  
Operable Unit: 01  
Material ID: 320577  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES -NYCHA (Continued)**

**S102149362**

Tank Test:

Site ID: 77200  
Spill Tank Test: 1545911  
Tank Number: 2  
Tank Size: 20000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: F  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

SPILLS:

Facility ID: 9413630  
Facility Type: ER  
DER Facility ID: 238486  
Site ID: 294663  
DEC Region: 2  
Spill Date: 1/12/1995  
Spill Number/Closed Date: 9413630 / 12/7/2005  
Spill Cause: Unknown  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS:

2401  
Investigator: SWKRASZE  
Referred To: Not reported  
Reported to Dept: 1/12/1995  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Federal Government  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 1/23/1995  
Spill Record Last Update: 12/7/2005  
Spiller Name: Not reported  
Spiller Company: NYC HOUSING AUTHORITY  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: 12/07/05: This spill transferred from J.Kolleeny to S.Kraszewski.This spill closed to consolidate with open spill #9802239.

Remarks:

SEEPAGE NOTED THROUGH BASEMENT WALL IN BOILER ROOM-ADJACENT TO FUEL LINE. UNKNOWN IF LEAK OR PREVIOUS SPILL-REQUIRES REMEDIATION. JANE HEALY NOTIFIED-WILL MEET WITH HER TOMORROW.

Material:

Site ID: 294663  
Operable Unit ID: 1007196  
Operable Unit: 01

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES -NYCHA (Continued)**

**S102149362**

Material ID: 372372  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

146  
South  
1/4-1/2  
0.323 mi.  
1705 ft.

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049**  
**223 GRAHAM AVENUE**  
**BROOKLYN, NY 11206**

**NY LTANKS U001839975**  
**NY UST N/A**  
**NY AST**  
**NY HIST AST**  
**NY MANIFEST**

**Relative:**  
**Lower**

LTANKS:

**Actual:**  
**38 ft.**

Site ID: 128139  
Spill Number/Closed Date: 9711161 / 3/14/2005  
Spill Date: 1/5/1998  
Spill Cause: Tank Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: RWAUSTIN  
Referred To: Not reported  
Reported to Dept: 1/5/1998  
CID: 281  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 1/5/1998  
Spill Record Last Update: 3/14/2005  
Spiller Name: KWAME FOSU  
Spiller Company: NY CITY SCHOOL DISTRICT  
Spiller Address: 30-30 THOMSON AVE  
Spiller City,St,Zip: LONG ISLAND, NY 11101-  
Spiller County: 001  
Spiller Contact: KWAME FOSU  
Spiller Phone: (718) 472-8501  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 110563  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "AUSTIN"5/12/04 - ORIG. ASIGNED TO HALE3/14/05 - Austin - closed and consolidated with spill #0411168 - end  
Remarks: SOIL TEST AT ABOVE LOCATION IDICATE A POSSIBLE LEAK AT ABOVELOCATION.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049 (Continued)**

**U001839975**

ADDITIONAL TESTING WILL BE DONE TO DETERMINE AMOUNT AND NATURE OF SPILL. CALLER REQUEST CALL DURING BUSINESS HOURS.

Material:

Site ID: 128139  
Operable Unit ID: 1054046  
Operable Unit: 01  
Material ID: 325865  
Material Code: 0003A  
Material Name: #6 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 336264  
Spill Number/Closed Date: 0411168 / 12/19/2005  
Spill Date: 1/14/2005  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: AJWHITE  
Referred To: Not reported  
Reported to Dept: 1/14/2005  
CID: 444  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 1/14/2005  
Spill Record Last Update: 12/19/2005  
Spiller Name: JEFF DEVERTEUIO  
Spiller Company: SCHOOL  
Spiller Address: 223 GRAHM AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: JEFF DEVERTEUIO  
Spiller Phone: (718) 349-5752  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 110563  
DEC Memo: send ttf letter See also spill #9711161. Spill 971116 was closed and merged with this spill no. This is a NYTC school, will track down the NYC school coordinator. Spoke to Phil Frazin of A-1 Crown Leak. this

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049 (Continued)**

**U001839975**

is a NYC School. I will check to see if Spill response will take this over as part of the whole NYC School project.- S. Scharf August 30, 2005.11/15/2005: Lead transferred to Joe White as part of the Spill Initiative Project.12/08/2005: Mr. James Merlo, the coordinator for NYC School spills, called Joe White to indicate that the tank has been emptied and taken out of service. a certificate of abandonment will be forwarded to document this.12/19/2005: Joe White received the "Certificate of Affidavit" for abandonment of the the tank at this location. The certificate date was 2/1/2005. This abandonment is sufficient for closure of this spill report due to tanks test failure.

Not reported

Remarks: PBS No: 2-356220

**Material:**

Site ID: 336264  
Operable Unit ID: 1098301  
Operable Unit: 01  
Material ID: 578471  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 336264  
Spill Tank Test: 1548488  
Tank Number: 2  
Tank Size: 7500  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Watchdog  
Last Modified: 1/14/2005  
Test Method: Horner EZ Check I or II  
Site ID: 336264  
Spill Tank Test: 1548491  
Tank Number: 1  
Tank Size: 7500  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Watchdog  
Last Modified: 1/14/2005  
Test Method: Horner EZ Check I or II

**UST:**

Id/Status: 2-356220 / Active  
Program Type: PBS  
Region: STATE  
DEC Region: 2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049 (Continued)**

**U001839975**

Expiration Date: 06/28/2018  
UTM X: 589279.3741699997  
UTM Y: 4506973.4511599997  
Site Type: School

**Affiliation Records:**

Site Id: 17785  
Affiliation Type: Facility Owner  
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION  
Contact Type: MGR  
Contact Name: MUNENDRA SHARMA  
Address1: 44-36 VERNON BOULEVARD  
Address2: Not reported  
City: LONG ISLAND CITY  
State: NY  
Zip Code: 11101  
Country Code: 001  
Phone: (718) 349-5752  
EMail: JMERLO@SCHOOLS.NYC.GOV  
Fax Number: Not reported  
Modified By: GDBREEN  
Date Last Modified: 6/25/2014

Site Id: 17785  
Affiliation Type: Mail Contact  
Company Name: NYC DEPARTMENT OF EDUCATION  
Contact Type: Not reported  
Contact Name: MUNENDRA SHARMA  
Address1: FIELD OPERATIONS - FUEL DIVISION  
Address2: 44-36 VERNON BOULEVARD  
City: LONG ISLAND CITY  
State: NY  
Zip Code: 11101  
Country Code: 001  
Phone: (718) 349-5752  
EMail: MSHARMA@SCHOOLS.NYC.GOV  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 6/12/2014

Site Id: 17785  
Affiliation Type: On-Site Operator  
Company Name: INTERMEDIATE SCHOOL 49 - BROOKLYN K049  
Contact Type: Not reported  
Contact Name: PLANT OPERATIONS  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 349-5400  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 2/26/2013

Site Id: 17785

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049 (Continued)**

**U001839975**

Affiliation Type: Emergency Contact  
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION  
Contact Type: Not reported  
Contact Name: SCHOOL SAFETY  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 935-3300  
EMail: Not reported  
Fax Number: Not reported  
Modified By: GDBREEN  
Date Last Modified: 6/30/2014

Tank Info:

Tank Number: 001  
Tank ID: 34798  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 7500  
Install Date: Not reported  
Date Tank Closed: 02/01/2005  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0002  
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Tightness Test Method: ZZ  
Date Test: 09/11/2000  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 06/25/2008

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination  
E00 - Piping Secondary Containment - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
B01 - Tank External Protection - Painted/Asphalt Coating  
I04 - Overfill - Product Level Gauge (A/G)  
G00 - Tank Secondary Containment - None  
L00 - Piping Leak Detection - None

Tank Number: 002  
Tank ID: 34799  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 7500

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049 (Continued)**

**U001839975**

Install Date: Not reported  
Date Tank Closed: 11/09/2006  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0002  
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21  
Date Test: 08/26/2005  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 06/25/2008

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination  
E00 - Piping Secondary Containment - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
I04 - Overfill - Product Level Gauge (A/G)  
G00 - Tank Secondary Containment - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
L00 - Piping Leak Detection - None

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-356220  
Program Type: PBS  
UTM X: 589279.37416999997  
UTM Y: 4506973.4511599997  
Expiration Date: 06/28/2018  
Site Type: School

Affiliation Records:

Site Id: 17785  
Affiliation Type: Facility Owner  
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION  
Contact Type: MGR  
Contact Name: MUNENDRA SHARMA  
Address1: 44-36 VERNON BOULEVARD  
Address2: Not reported  
City: LONG ISLAND CITY  
State: NY  
Zip Code: 11101  
Country Code: 001  
Phone: (718) 349-5752  
EMail: JMERLO@SCHOOLS.NYC.GOV  
Fax Number: Not reported  
Modified By: GDBREEN  
Date Last Modified: 6/25/2014

Site Id: 17785

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049 (Continued)**

**U001839975**

Affiliation Type: Mail Contact  
Company Name: NYC DEPARTMENT OF EDUCATION  
Contact Type: Not reported  
Contact Name: MUNENDRA SHARMA  
Address1: FIELD OPERATIONS - FUEL DIVISION  
Address2: 44-36 VERNON BOULEVARD  
City: LONG ISLAND CITY  
State: NY  
Zip Code: 11101  
Country Code: 001  
Phone: (718) 349-5752  
EMail: MSHARMA@SCHOOLS.NYC.GOV  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 6/12/2014

Site Id: 17785  
Affiliation Type: On-Site Operator  
Company Name: INTERMEDIATE SCHOOL 49 - BROOKLYN K049  
Contact Type: Not reported  
Contact Name: PLANT OPERATIONS  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 349-5400  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 2/26/2013

Site Id: 17785  
Affiliation Type: Emergency Contact  
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION  
Contact Type: Not reported  
Contact Name: SCHOOL SAFETY  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 935-3300  
EMail: Not reported  
Fax Number: Not reported  
Modified By: GDBREEN  
Date Last Modified: 6/30/2014

Tank Info:

Tank Number: 003  
Tank Id: 223811  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049 (Continued)**

**U001839975**

Equipment Records:

C01 - Pipe Location - Aboveground  
E00 - Piping Secondary Containment - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
G02 - Tank Secondary Containment - Vault (w/access)  
J02 - Dispenser - Suction Dispenser  
K00 - Spill Prevention - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
I04 - Overfill - Product Level Gauge (A/G)  
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)  
L00 - Piping Leak Detection - None  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: 05/18/2007  
Capacity Gallons: 10000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: MSBAPTIS  
Last Modified: 07/01/2013  
Material Name: #2 Fuel Oil (On-Site Consumption)

HIST AST:

PBS Number: 2-356220  
SWIS Code: 6101  
Operator: PLANT OPERATION  
Facility Phone: (718) 391-6000  
Facility Addr2: 223 GRAHAM AVE  
Facility Type: SCHOOL  
Emergency: SCHOOL SAFETY  
Emergency Tel: (212) 979-3300  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: N.Y.C. BOARD OF EDUCATION  
Owner Address: 28-11 QUEENS PLAZA NORTH  
Owner City,St,Zip: LONG ISLAND CITY, NY 11101  
Federal ID: Not reported  
Owner Tel: (718) 391-6832  
Owner Type: Local Government  
Owner Subtype: Not reported  
Mailing Contact: FRANK CARDELLO NTROL  
Mailing Name: OFFICE OF BUILDING SERVICES  
Mailing Address: 28-11 QUEENS PLAZA NORTH  
Mailing Address 2: 5TH FLOOR  
Mailing City,St,Zip: LONG ISLAND CITY, NY 11101  
Mailing Telephone: (718) 391-6832  
Owner Mark: First Owner

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049 (Continued)**

**U001839975**

Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False  
Certification Date: 05/15/2000  
Expiration: 06/28/2003  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 15000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: Minor Data Missing  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2

Tank ID: 001  
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 7500  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: 01  
Pipe Location: Aboveground/Underground Combination  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: 01  
Tank Containment: Diking  
Leak Detection: 0  
Overfill Protection: 4  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

Tank ID: 002  
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 7500  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: 01

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049 (Continued)**

**U001839975**

Pipe Location: Aboveground/Underground Combination  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: 01  
Tank Containment: None  
Leak Detection: 0  
Overfill Protection: 4  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

**NY MANIFEST:**

EPA ID: NYD987007945  
Country: USA

**Mailing Info:**

Name: WILLIAM J GAYNOR INTERMEDIATE SCHOOL #49  
Contact: DERI MORAVCIK  
Address: 223 GRAHAM AVENUE  
City/State/Zip: BROOKLYN, NY 11206  
Country: USA  
Phone: 718-387-7697

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD986938645  
Trans2 State ID: PAD146714878  
Generator Ship Date: 2012-08-30  
Trans1 Recv Date: 2012-08-30  
Trans2 Recv Date: 2012-08-31  
TSD Site Recv Date: 2012-09-04  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD987007945  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NYD049836679  
Waste Code: Not reported  
Quantity: 170.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 7.0  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 001593960GBF  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049 (Continued)**

**U001839975**

Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H132

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD986938645  
Trans2 State ID: PAD146714878  
Generator Ship Date: 2012-08-30  
Trans1 Recv Date: 2012-08-30  
Trans2 Recv Date: 2012-08-31  
TSD Site Recv Date: 2012-09-04  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD987007945  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NYD049836679  
Waste Code: Not reported  
Quantity: 50.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 2.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 001593960GBF  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: Y  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD986938645  
Trans2 State ID: PAD146714878  
Generator Ship Date: 2012-08-30  
Trans1 Recv Date: 2012-08-30  
Trans2 Recv Date: 2012-08-31  
TSD Site Recv Date: 2012-09-04  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD987007945

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049 (Continued)**

**U001839975**

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	Not reported
Quantity:	170.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	7.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	001593960GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H132
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD986938645
Trans2 State ID:	PAD146714878
Generator Ship Date:	2012-08-30
Trans1 Recv Date:	2012-08-30
Trans2 Recv Date:	2012-08-31
TSD Site Recv Date:	2012-09-04
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987007945
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	Not reported
Quantity:	50.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	001593960GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049 (Continued)**

**U001839975**

Alt Fac Sign Date: Not reported  
 Mgmt Method Type Code: H141

**AF147  
 NNW  
 1/4-1/2  
 0.335 mi.  
 1771 ft.**

**CITY BARREL CO.  
 421-429 MEEKER STREET  
 BROOKLYN, NY 11378**

**NY SHWS S105972440  
 N/A**

**Site 1 of 3 in cluster AF**

**Relative:  
 Lower**

SHWS:

**Actual:  
 17 ft.**

Program: HW  
 Site Code: 55909  
 Classification: N  
 Region: 2  
 Acres: Not reported  
 HW Code: 224005  
 Record Add: 11/18/1999  
 Record Upd: 12/16/2003  
 Updated By: kstang

Site Description: The site did not qualify for addition to the Registry of Inactive Hazardous Disposal Sites. This site was listed in the Eckhardt subcommittee report as a disposal site. Investigation by the NYSDEC Regional offices indicate that this is an industrial operation to recycle, recover and refurbish drums and that no apparent disposal of hazardous or toxic waste have occurred here.

Env Problem: None known. No apparent disposal of significant quantities of any hazardous waste.

Health Problem: Not reported  
 Dump: Not reported  
 Structure: Not reported  
 Lagoon: Not reported  
 Landfill: Not reported  
 Pond: Not reported  
 Disp Start: Not reported  
 Disp Term: Not reported  
 Lat/Long: Not reported  
 Dell: Not reported  
 Record Add: Not reported  
 Record Upd: Not reported  
 Updated By: Not reported  
 Own Op: Not reported  
 Sub Type: Not reported  
 Owner Name: Not reported  
 Owner Company: Not reported  
 Owner Address: Not reported  
 Owner Addr2: Not reported  
 Owner City,St,Zip: Not reported  
 Owner Country: Not reported  
 HW Code: Not reported  
 Waste Type: Not reported  
 Waste Quantity: Not reported  
 Waste Code: Not reported  
 Crossref ID: Not reported  
 Cross Ref Type Code: Not reported  
 Cross Ref Type: Not reported  
 Record Added Date: Not reported  
 Record Updated: Not reported  
 Updated By: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AF148  
NNW  
1/4-1/2  
0.336 mi.  
1776 ft.

CITY BARREL & DRUM CO INC  
421 MEEKER AVE  
BROOKLYN, NY 11222

CERC-NFRAP 1015735637  
RCRA NonGen / NLR NYD068298835

Site 2 of 3 in cluster AF

Relative:  
Lower

CERC-NFRAP:

Site ID: 0201593  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Actual:  
17 ft.

CERCLIS-NFRAP Assessment History:

Action: PRELIMINARY ASSESSMENT  
Date Started: / /  
Date Completed: 09/02/87  
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE  
Date Started: / /  
Date Completed: 09/02/87  
Priority Level: Not reported

Action: DISCOVERY  
Date Started: / /  
Date Completed: 04/25/80  
Priority Level: Not reported

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007  
Facility name: CITY BARREL & DRUM CO INC  
Facility address: 421 MEEKER AVE  
BROOKLYN, NY 11222  
EPA ID: NYD068298835  
Mailing address: MEEKER AVE  
BROOKLYN, NY 11222  
Contact: HARRY GOLDSTEIN  
Contact address: MEEKER AVE  
BROOKLYN, NY 11222  
Contact country: US  
Contact telephone: (201) 388-9227  
Contact email: Not reported  
EPA Region: 02  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: HARRY GOLDSTEIN  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY BARREL & DRUM CO INC (Continued)**

**1015735637**

Owner/operator name: HARRY GOLDSTEIN  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Site name: CITY BARREL & DRUM CO INC  
Classification: Not a generator, verified

Date form received by agency: 11/28/1980  
Site name: CITY BARREL & DRUM CO INC  
Classification: Unverified

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/15/1999  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

AF149  
NNW  
1/4-1/2  
0.336 mi.  
1776 ft.

**CITY BARREL  
421 MEEKER STREET  
BROOKLYN, NY 11222  
Site 3 of 3 in cluster AF**

**NY HSWDS S108146441  
N/A**

Relative:  
Lower

HSWDS:  
Facility ID: Not reported  
Region: 2  
Facility Status: None  
Owner Type: Puplic  
Owner: Harry Goldstein

Actual:  
17 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY BARREL (Continued)**

**S108146441**

Owner Address: 421 Meeker St.  
Owner Phone: (212)388-9227  
Operator Type: Same  
Operator: Unknown  
Operator: Unknown  
Operator Phone: Unknown  
EPA ID: NYD068298835  
Registry: Not on NYS Registry of Inactive Haz Waste Disposal Sites  
Registry Site ID: None  
RCRA Permitted: Unknown  
Site Code: Industrial Site  
Owner City State: Brooklyn, NY 11222  
Operator City State: Not reported  
Quadrangle: Unknown  
Latitude: 40 43'15"N  
Longitude: 73 56'30"W  
Acres: 0.00  
Operator Date: 1940  
Close Date: Unknown  
Completed: PA  
Active: Unknown  
PCB's Disposed: No  
Pesticides Disposed: No  
Metals Disposed: No  
Asbestos Disposed: No  
Volatile Organic Compounds Disposed: No  
Semi Volatile Organic Compounds Disposed: No  
Analytical Info Exists for Air: Not reported  
Analytical Info Exists for Ground: None  
Analytical Info Exists for Surface: Not reported  
Analytical Info Exists for Sediments: Not reported  
Analytical Info Exists for Surface: Not reported  
Analytical Info Exists for Substance: Not reported  
Analytical Info Exists for Waste: Not reported  
Analytical Info Exists for Leachate: Not reported  
Analytical Info Exists for EP Toxicity: Not reported  
Analytical Info Exists for TCLP: Not reported  
Threat to Environment/Public Health: None  
Surface Water Contamination: No  
Surface Water Body Class: Unknown  
Groundwater Contamination: No  
Groundwater Classification: Unknown  
Drinking Water Contamination: No  
Drinking Water Supply is Active: Unknown  
Any Known Fish or Wildlife: No  
Hazardous Exposure: Unknown  
Site Has Controlled Access: Unknown  
Ambient Air Contamination: Unknown  
Direct Contact: Unknown  
EPA Hazardous Ranking System Score: Unknown  
Inventory: F  
Nefrap: Not reported  
Mailing: Not reported  
Tax Map No: Not reported  
Qualify: 0  
Next Action: Not reported  
Agencies: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CITY BARREL (Continued)**

**S108146441**

Air: Not reported  
 Building: Not reported  
 Site Desc: Not reported  
 Drink: Not reported  
 Eptox: Not reported  
 Fish: Not reported  
 Ground: Not reported  
 Ground Desc: Not reported  
 Hazardous Threat: Not reported  
 Haz Threat Desc: Not reported  
 Leachate: Not reported  
 Preparer: Not reported  
 Sediment: Not reported  
 Soil: Not reported  
 Surface: Not reported  
 Status: Not reported  
 Surface Soil: Not reported  
 Surface: Not reported  
 TCLP: Not reported  
 Waste: Not reported

**150  
 ESE  
 1/4-1/2  
 0.347 mi.  
 1830 ft.**

**308 MAUJER ST  
 308 MAUJER ST  
 BROOKLYN, NY**

**NY LTANKS S105999626  
 N/A**

**Relative:  
 Lower**

**LTANKS:**

Site ID: 144741  
 Spill Number/Closed Date: 0305120 / 1/31/2006  
 Spill Date: 8/14/2003  
 Spill Cause: Tank Test Failure  
 Spill Source: Commercial/Industrial  
 Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
 Willing Responsible Party. Corrective action taken.  
 Cleanup Ceased: Not reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: JBLISTER  
 Referred To: Not reported  
 Reported to Dept: 8/14/2003  
 CID: 216  
 Water Affected: Not reported  
 Spill Notifier: Responsible Party  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 8/14/2003  
 Spill Record Last Update: 1/31/2006  
 Spiller Name: Not reported  
 Spiller Company: FRED GELFAR  
 Spiller Address: Not reported  
 Spiller City,St,Zip: ZZ  
 Spiller County: 001  
 Spiller Contact: FRED GELFAR  
 Spiller Phone: (516) 455-4775  
 Spiller Extention: Not reported

**Actual:  
 31 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**308 MAUJER ST (Continued)**

**S105999626**

DEC Region: 2  
DER Facility ID: 123363  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND" Will send a TTF as soon as RP provides a proper mailing address 8/19/2003 TTF Letter sent to: Fred Gelfar 2941 Charlotte Drive Merrick, NY 11566 1/31/06 Received copy of 10/04/04 tightness report showing tank passed. Closed spill out based on report. J Lister Not reported  
Remarks: TANK TEST FAILURE THEY WILL RETEST

Material:

Tank Test:

Site ID: 144741  
Spill Tank Test: 1528589  
Tank Number: 1  
Tank Size: 2000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

151  
SSE  
1/4-1/2  
0.352 mi.  
1861 ft.

**WILLIAMSBURGH HOUSES**  
**211 STAGG WALK**  
**BROOKLYN, NY 11206**

**NY LTANKS** **U002034232**  
**NY UST** **N/A**  
**NY AST**  
**NY Spills**

**Relative:**  
**Higher**

LTANKS:

**Actual:**  
**40 ft.**

Site ID: 187016  
Spill Number/Closed Date: 9110920 / 1/22/1992  
Spill Date: 1/22/1992  
Spill Cause: Tank Overfill  
Spill Source: Tank Truck  
Spill Class: Not reported  
Cleanup Ceased: 1/22/1992  
Cleanup Meets Standard: True  
SWIS: 2401  
Investigator: HEALY  
Referred To: Not reported  
Reported to Dept: 1/22/1992  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 2/6/1992  
Spill Record Last Update: 6/28/2006  
Spiller Name: Not reported  
Spiller Company: Not reported  
Spiller Address: Not reported  
Spiller City, St, Zip: \*\*\*Update\*\*\*, ZZ

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURGH HOUSES (Continued)**

**U002034232**

Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 156295  
DEC Memo: Not reported  
Remarks: CONTAINED ON DRIVEWAY. WINSTON TO CLEAN. NO DRAINS AFFECTED.

**Material:**

Site ID: 187016  
Operable Unit ID: 964729  
Operable Unit: 01  
Material ID: 415992  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 25  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 187016  
Spill Tank Test: 1539531  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

**UST:**

Id/Status: 2-601884 / Active  
Program Type: PBS  
Region: STATE  
DEC Region: 2  
Expiration Date: 06/02/2019  
UTM X: 589456.09647999995  
UTM Y: 4507038.3996599996  
Site Type: Apartment Building/Office Building

**Affiliation Records:**

Site Id: 23846  
Affiliation Type: Facility Owner  
Company Name: NYC HOUSING AUTHORITY  
Contact Type: \\  
Contact Name: Not reported  
Address1: 23-02 49TH AVENUE  
Address2: Not reported  
City: LONG ISLAND CITY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURGH HOUSES (Continued)**

**U002034232**

State: NY  
Zip Code: 11101  
Country Code: 001  
Phone: (718) 707-5806  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 4/24/2014

Site Id: 23846  
Affiliation Type: Mail Contact  
Company Name: NYC HOUSING AUTHORITY  
Contact Type: Not reported  
Contact Name: FUEL OIL REMEDIATION COORDINATOR  
Address1: 23-02 49TH AVENUE  
Address2: TECH SERVS DEPT - 5TH FLOOR  
City: LONG ISLAND CITY  
State: NY  
Zip Code: 11101  
Country Code: 001  
Phone: (718) 707-5725  
EMail: Y.TKACH@NYCHA.NYC.GOV  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 4/24/2014

Site Id: 23846  
Affiliation Type: On-Site Operator  
Company Name: WILLIAMSBURGH HOUSES  
Contact Type: Not reported  
Contact Name: FUEL OIL REMEDIATION UNIT  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 707-5725  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 4/24/2014

Site Id: 23846  
Affiliation Type: Emergency Contact  
Company Name: NYC HOUSING AUTHORITY  
Contact Type: Not reported  
Contact Name: EMERGENCY SERVICES DEPT.  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: 718-707-5900  
EMail: Not reported  
Fax Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURGH HOUSES (Continued)**

**U002034232**

Modified By: NRLOMBAR  
Date Last Modified: 12/31/2008

Tank Info:

Tank Number: 1  
Tank ID: 215666  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 20000  
Install Date: 01/09/2007  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: 0  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 00  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: E  
Modified By: NRLOMBAR  
Last Modified: 12/31/2008

Equipment Records:

- A00 - Tank Internal Protection - None
- J02 - Dispenser - Suction Dispenser
- L09 - Piping Leak Detection - Exempt Suction Piping
- H05 - Tank Leak Detection - In-Tank System (ATG)
- D11 - Pipe Type - Flexible Piping
- F05 - Pipe External Protection - Jacketed
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- K00 - Spill Prevention - None
- E04 - Piping Secondary Containment - Double-Walled (Underground)
- L02 - Piping Leak Detection - Interstitial - Manual Monitoring
- C02 - Pipe Location - Underground/On-ground
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I02 - Overfill - High Level Alarm
- B09 - Tank External Protection - Urethane
- I03 - Overfill - Automatic Shut-Off

Tank Number: OLD 1  
Tank ID: 48201  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 20000  
Install Date: 12/01/1978  
Date Tank Closed: 01/03/2007  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURGH HOUSES (Continued)**

**U002034232**

Date Test: 05/13/2003  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 01/18/2007

Equipment Records:

F06 - Pipe External Protection - Wrapped  
G00 - Tank Secondary Containment - None  
I04 - Overfill - Product Level Gauge (A/G)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping  
B00 - Tank External Protection - None  
C02 - Pipe Location - Underground/On-ground  
H00 - Tank Leak Detection - None

Tank Number: OLD 2  
Tank ID: 48202  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 20000  
Install Date: 12/01/1978  
Date Tank Closed: 01/03/2007  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0000  
Common Name of Substance: Empty

Tightness Test Method: 00  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 01/18/2007

Equipment Records:

F06 - Pipe External Protection - Wrapped  
G00 - Tank Secondary Containment - None  
B00 - Tank External Protection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping  
I04 - Overfill - Product Level Gauge (A/G)  
C02 - Pipe Location - Underground/On-ground  
H00 - Tank Leak Detection - None

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-601884  
Program Type: PBS  
UTM X: 589456.09647999995

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURGH HOUSES (Continued)**

**U002034232**

UTM Y: 4507038.3996599996  
Expiration Date: 06/02/2019  
Site Type: Apartment Building/Office Building

**Affiliation Records:**

Site Id: 23846  
Affiliation Type: Facility Owner  
Company Name: NYC HOUSING AUTHORITY  
Contact Type: \\  
Contact Name: Not reported  
Address1: 23-02 49TH AVENUE  
Address2: Not reported  
City: LONG ISLAND CITY  
State: NY  
Zip Code: 11101  
Country Code: 001  
Phone: (718) 707-5806  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 4/24/2014

Site Id: 23846  
Affiliation Type: Mail Contact  
Company Name: NYC HOUSING AUTHORITY  
Contact Type: Not reported  
Contact Name: FUEL OIL REMEDIATION COORDINATOR  
Address1: 23-02 49TH AVENUE  
Address2: TECH SERVS DEPT - 5TH FLOOR  
City: LONG ISLAND CITY  
State: NY  
Zip Code: 11101  
Country Code: 001  
Phone: (718) 707-5725  
EMail: Y.TKACH@NYCHA.NYC.GOV  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 4/24/2014

Site Id: 23846  
Affiliation Type: On-Site Operator  
Company Name: WILLIAMSBURGH HOUSES  
Contact Type: Not reported  
Contact Name: FUEL OIL REMEDIATION UNIT  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 707-5725  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 4/24/2014

Site Id: 23846  
Affiliation Type: Emergency Contact

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURGH HOUSES (Continued)**

**U002034232**

Company Name: NYC HOUSING AUTHORITY  
Contact Type: Not reported  
Contact Name: EMERGENCY SERVICES DEPT.  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: 718-707-5900  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 12/31/2008

Tank Info:

Tank Number: T-1  
Tank Id: 209300  
Material Code: 0000  
Common Name of Substance: Empty

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
L00 - Piping Leak Detection - None  
E01 - Piping Secondary Containment - Diking (Aboveground)  
I04 - Overfill - Product Level Gauge (A/G)  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
K00 - Spill Prevention - None  
B09 - Tank External Protection - Urethane  
C01 - Pipe Location - Aboveground  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None  
I03 - Overfill - Automatic Shut-Off

Tank Location: 3  
Tank Type: Urethane Clad Steel  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: 12/09/2005  
Capacity Gallons: 20000  
Tightness Test Method: 00  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 05/19/2006  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 12/28/2006  
Material Name: Empty

SPILLS:

Facility ID: 9506548  
Facility Type: ER  
DER Facility ID: 156295  
Site ID: 187017

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURGH HOUSES (Continued)**

**U002034232**

DEC Region: 2  
Spill Date: 8/28/1995  
Spill Number/Closed Date: 9506548 / 8/29/1995  
Spill Cause: Equipment Failure  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: HEALY  
Referred To: Not reported  
Reported to Dept: 8/28/1995  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Responsible Party  
Cleanup Ceased: 8/29/1995  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 8/29/1995  
Spill Record Last Update: 9/30/2004  
Spiller Name: Not reported  
Spiller Company: NYC HOUSING AUTHORITY  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Not reported  
Remarks: SMALL LEAK IN BOILER STRAINER - WAS REPAIRED.

Material:  
Site ID: 187017  
Operable Unit ID: 1017296  
Operable Unit: 01  
Material ID: 364510  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 1  
Units: Gallons  
Recovered: Yes  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

152  
NW  
1/4-1/2  
0.353 mi.  
1865 ft.

CONSTRUCTION SITE  
392 LEONARD STREET  
BROOKLYN, NY

NY LTANKS S104648903  
NY Spills N/A

Relative:  
Lower

LTANKS:

Site ID: 246017  
Spill Number/Closed Date: 0310672 / 12/16/2003  
Spill Date: 12/16/2003  
Spill Cause: Tank Failure  
Spill Source: Gasoline Station  
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:  
15 ft.

Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: SMSANGES  
Referred To: Not reported  
Reported to Dept: 12/16/2003  
CID: 444  
Water Affected: Not reported  
Spill Notifier: Citizen  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 12/16/2003  
Spill Record Last Update: 12/16/2003  
Spiller Name: Not reported  
Spiller Company: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: \*\*\*Update\*\*\*, ZZ  
Spiller County: 001  
Spiller Contact: ANNY  
Spiller Phone: (203) 876-7430  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 202028  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"

Remarks: CALLER DOES NOT WISH TO GIVE HIS NAME, BUT STATES THAT THE GAS STAION IS POLLUTING THE SEWER BY A BROKEN HOSE OR OTHER, THEY ARE SWEEPING INTO THE SEWER SYSTEM. CALLER VERY CONCERNED.UNKNOWN AMOUNTS. WOULD LIKE SOMEONE TO COME CHECK OUT.

Material:

Site ID: 246017  
Operable Unit ID: 878333  
Operable Unit: 01  
Material ID: 499520  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Pounds  
Recovered: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSTRUCTION SITE (Continued)**

**S104648903**

Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**SPILLS:**

Facility ID: 9900802  
Facility Type: ER  
DER Facility ID: 202028  
Site ID: 169686  
DEC Region: 2  
Spill Date: 4/21/1999  
Spill Number/Closed Date: 9900802 / 8/10/1999  
Spill Cause: Unknown  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.

SWIS: 2401  
Investigator: SMSANGES  
Referred To: Not reported  
Reported to Dept: 4/21/1999  
CID: 382  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 4/21/1999  
Spill Record Last Update: 12/16/2003  
Spiller Name: Not reported  
Spiller Company: Not reported  
Spiller Address: 392 LEONARD ST  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Company: 001  
Contact Name: UNKNOWN  
Contact Phone: Not reported  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"5/19/99 SPOKE TO REED TUROFF (TRINITY CONSULTING - 718-257-8470) HE SAID THE OLD TANKS WERE PULLED IN APRIL. SINCE A PROBLEM WAS FOUND, NO NEW TANKS HAVE BEEN INSTALLED AND THE OWNER & OPERATOR ARE IN DISCUSSIONS AS TO WHO IS RESPONSIBLE AND WHAT WILL BE DONE. ACCORDING TO MR. TUROFF, THE OPERATORS ARE: KAY SINGH AND K. JANGI (718-388-3329). OWNERS ARE: DIMITRI (DAVID) SHTAIRMAN AND WALTER ROMANSKY (718-388-3464)7/28/99 SPOKE WITH DIMITRI SHTAIRMAN - HE SAYS A NEW LEASE WAS SIGNED WITH KAY SINGH FOR THE STATION AND MR. SINGH AS OPERATOR IS RESPONSIBLE FOR ALL ENVIRONMENTAL WORK ON THE SITE. DIMITRI SAYS THAT ALL CONTAMINATED SOIL HAS BEEN DUG OUT AND REMOVED. HE SAYS END POINT SAMPLES OF THE OPEN HOLE WERE TAKEN BY ASTEM LAB INC (DR. NORMAN MUNROE 718-459-3770). RIGHT NOW THE SITE HAS A LARGE OPEN HOLE AND THEY ARE NOW WAITING FOR THE CONTRACTOR TO INSTALL THE NEW TANK & SYSTEM, BACKFILL AND REPAVE THE SITE.8/10/99 - ASTEM LABORATORIES, INC. SUBMITTED A REPORT SHOWING 6 END POINT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSTRUCTION SITE (Continued)**

**S104648903**

Remarks: SAMPLES (1 EACH SIDE, 2 BOTTOM) TAKEN FROM PIT WHERE 550 TANKS WERE. ALL SAMPLES WERE TESTED FOR 8021 + MTBE. ALL RESULTS INDICATE BTEX AND MTBE WERE <50 PPB. CLOSE OUT (CPT SAYS OK)  
CALLER STATES THAT DURING REMOVAL OF 550 GAL TANKS CONTAMINATED SOIL WAS FOUND.

Material:

Site ID: 169686  
Operable Unit ID: 1075577  
Operable Unit: 01  
Material ID: 307921  
Material Code: 0015  
Material Name: Motor Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 0610686  
Facility Type: ER  
DER Facility ID: 202028  
Site ID: 375177  
DEC Region: 2  
Spill Date: 12/20/2006  
Spill Number/Closed Date: 0610686 / 8/26/2010  
Spill Cause: Unknown  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: RVKETANI  
Referred To: Not reported  
Reported to Dept: 12/20/2006  
CID: 410  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Police Department  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 12/21/2006  
Spill Record Last Update: 8/26/2010  
Spiller Name: GABRIEL KAPUR  
Spiller Company: CONSTRUCTION SITE  
Spiller Address: 392 LEONARD ST  
Spiller City, St, Zip: BROOKLYN, NY  
Spiller Company: 001  
Contact Name: GABRIEL KAPUR  
Contact Phone: (917) 682-3753 CELL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSTRUCTION SITE (Continued)**

**S104648903**

DEC Memo:

Vought was on off hours 8/16/10 - Raphael Ketani. The spill was called in on 12/20/06 by the NYPD and Gabriel Kapur of the NYCDEP (917) 682-3753. The spill was large gas puddles on the surface of the site. The site is block and lot 2733 and 7. It was sold on 7/28/87 by Lawrence Sievers of 5 Mt. Logan Court, Farmingville, NY to Walter Romansky and Dimitri Shtairman of 2421 East 74 Street, Brklyn, NY. There are two PBS registrations. PBS #2-510793 is for the 278 Fuel Stop, Inc. It lists four 4,000 gal. USTs and one 550 UST as still active with gasoline and diesel. The 4,000 gal. tanks were installed in either 1972 or 1999. The 550 UST was installed in 1939. There were 4 USTs that were closed and removed in 1939. The owner of the site is 278 Fuel Stop, Inc. (718) 388-3329. The contact is Kuldeep S. Sakota (718) 388-3329/(201) 548-1658. PBS #2-611136 is for A-1 Auto Repairs, Inc. It lists just a 275 gal. waste oil tank as being in service that was installed in 6/1/08. The owner of the site is Avtar Singh, 126 Berwood Drive, Linden, NJ 07036 (908) 486-0412. Mr. Singh is also at (718) 388-3464. There is no paper file and there are no E-docs. There are two other spill cases, both of which were closed by Steve Sangesland of Spills. They are #9900802 and #0310672. Case #9900802 was opened on 4/21/99 and closed on 8/10/99. It was based upon the discovery of oil contaminated soil when they pulled the 550 gal. UST. The soil was dug out and the end point samples were below 50 ppb. Case #0310672 was opened on 12/16/03 and closed on 12/16/03. There was an anonymous call regarding someone sweeping gas into the sewers. 8/25/10 - Raphael Ketani. I made an unannounced site visit today. It was raining moderately, but I felt that it would still be possible to determine the site conditions. The site fronts on Leonard Street and on Meeker Avenue, where it parallels the Brooklyn Queens Expressway. There wasn't much to see from the Leonard Street side. There is a corrugated still building that opens onto Leonard Street. It has a sloping roof (see E-docs). The building was being used as a metal fabrication shop. The floor was clean. Next, I went to the Meeker Avenue side of "278 Fuel Stop." Even though it was raining, I didn't see any sheen on the pavement in the fueling area (see E-docs). There appeared to be some small (about 6" diameter) stains on the, but nothing else. Next, the gas station manager showed me the repair area. The area was largely dry as it was mostly covered by a roof. There were several trucks in and next to the garage. I didn't see any free product on the pavement, but there were some old stains. I told the station manager to make sure that any spills that occur are cleaned up quickly. After this, I left the site. As the spills mentioned in the original spill report are no longer present, and as there appeared to be no new spills, I have determined that there is no threat to the environment or the public. Therefore, I am closing the spill case.

Remarks:

CALLER REPORTS A CALL REGARDING LARGE PUDDLES OF GASOLINE AT THIS SITE: SERVICE NUMBER 1516668

Material:

Site ID: 375177  
Operable Unit ID: 1132823  
Operable Unit: 01  
Material ID: 2122608  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSTRUCTION SITE (Continued)**

**S104648903**

Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

153  
North  
1/4-1/2  
0.371 mi.  
1958 ft.

**MOBIL OIL CORP SS #FX9  
550 HUMBOLDT ST  
BROOKLYN, NY 11222**

**RCRA NonGen / NLR  
NY LTANKS  
NY UST  
NY Spills**

**1000553844  
NYD986962785**

**Relative:  
Lower**

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007

Facility name: MOBIL OIL CORP SS #FX9

Facility address: 550 HUMBOLDT ST  
BROOKLYN, NY 112224902

EPA ID: NYD986962785

Mailing address: GALLOWS RD - MKTG ENVIRON  
FAIRFAX, NY 220370001

Contact: Not reported

Contact address: GALLOWS RD - MKTG ENVIRON  
FAIRFAX, NY 220370001

Contact country: US

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MOBIL OIL CORP  
Owner/operator address: 3225 GALLOWS RD  
FAIRFAX, VA 22037

Owner/operator country: US

Owner/operator telephone: (703) 849-3330

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: MOBIL OIL CORP  
Owner/operator address: 3225 GALLOWS RD  
FAIRFAX, VA 22037

Owner/operator country: US

Owner/operator telephone: (703) 849-3330

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Site name: MOBIL OIL CORP SS #FX9  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Site name: MOBIL OIL CORP SS #FX9  
Classification: Not a generator, verified

Date form received by agency: 04/10/1991  
Site name: MOBIL OIL CORP SS #FX9  
Classification: Small Quantity Generator

Violation Status: No violations found

LTANKS:

Site ID: 59273  
Spill Number/Closed Date: 9007766 / Not Reported  
Spill Date: 10/16/1990  
Spill Cause: Tank Test Failure  
Spill Source: Gasoline Station  
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: MJHAGGER  
Referred To: Not reported  
Reported to Dept: 10/16/1990  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 4  
Date Entered In Computer: 10/31/1990  
Spill Record Last Update: 4/30/2014  
Spiller Name: MELISSA TACCHINO  
Spiller Company: EXXONMOBIL OIL CORP  
Spiller Address: 1545 ROUTE 22 EAST  
Spiller City, St, Zip: ANNANDALE, NJ 08801  
Spiller County: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 301050  
DEC Memo: Spill remediation is being tracked under spill no. 90-07766. See also spill nos. 05-08671 and 07-10898.11/6/2000: Reassigned from Sullivan to Sigona. PBS records indicate that 14 x 550-gallon, 1 x 4,000-gallon and 1 x 1,000-gallon USTs were either closed in-place or removed from this site. (Sigona)12/12/2003: Reassigned from Roberts to Harrington (central office) for management. (Rommel)5/6/2005: Sent letter to Exxon Mobil approving off-site RI work plan. (Harrington)7/18/2005: Sent letter to Exxon Mobil approving revised RAP. EFR events @ MW-3 and MW-4 will be conducted semi-annually. FS to address dissolved BTEX @ MW-3 will be submitted along with off-site RI report. (Harrington)10/7/2005: Sent e-mail to Exxon Mobil approving the sensitive receptor survey. (Harrington)11/28/2005: Sent Exxon Mobil letters approving the SI report and the supplemental SI work plan for the off-site plume delineation. Additional work was required due to the discovery of free product west of McGuinness Boulevard. (Harrington)7/31/2006: Approved supplemental SI report. Monthly EFR events will now be conducted at wells MW-3, MW-4, MW-11, MW-12, and MW-15A. Work plan for recovery well installation near MW-15 is expected in October. (Harrington)10/14/2006: Sent an e-mail to Exxon Mobil approving the SI work plan. Plan calls for the installation of six (6) monitoring wells along the west side of McGuinness Boulevard between Bayard and Newton Streets in order to fully delineate and recover the free product observed in this area. (Harrington)3/2/2007: Sent e-mail to Exxon Mobil approving the UST divestiture and excavation work plan. EM will be removing all USTs, distribution lines, vent lines, hydraulic lifts, and contaminated soil identified during this effort. (Harrington)4/20/2007: Sent e-mail to Exxon Mobil approving the SI report which documented the off-site work completed along McGuinness Boulevard in support of LPH recovery efforts. (Harrington)6/22/2007: PM visited the site along with Kleinfelder personnel. Excavation work has been completed. Report expected in the Fall. (Harrington)10/29/2007: Sent e-mail to Exxon Mobil approving the Tank Excavation Assessment Report. The revised RAP will be submitted in mid-December. (Harrington)12/4/2007: PM approved the feasibility testing work plan during a site visit with Kleinfelder personnel. SVE/AS and chem-ox injection technologies will be evaluated. (Harrington)12/13/2007: PM conducted a site visit during monitoring well installation as part of the recently-approved FS work plan. Field work began on December 10th. (Harrington)1/15/2008: Kleinfelder encountered LPH in a newly-installed monitoring well on-site during pilot testing efforts. Kleinfelder personnel contacted the PM, who instructed them to call it in as a spill. The spill number (07-10898) was administratively closed by Region 2 personnel. (Harrington)5/1/2008: PM sent an e-mail to Exxon Mobil approving the off-site subsurface investigation work plan. This effort will begin to fully delineate the free-product plume west of McGuinness Boulevard. (Harrington)5/6/2008: PM conducted a site meeting with Exxon Mobil's consultant (Kleinfelder East, Inc.). During the meeting, the PM approved the IRM work plan, which calls for excavation of soils in the area of the former dispenser islands. Given that this area is adjacent to McGuinness Boulevard, sheeting and shoring will be required.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

(Harrington)6/24/2008: PM conducted a site visit with Exxon Mobil personnel (Drake) and their consultant (Kleinfelder) in order to discuss recent developments. Apparently, Exxon Mobil has been denied further access to the site by the owner thus delaying implementation of the IRM. Additional off-site investigation will be required due to the continued presence of LPH along McGuinness Boulevard. This will involve well installation further west along Newton Street.

(Harrington)9/7/2008: PM sent an e-mail to Exxon Mobil approving the updated version of the IRM work plan. Work plan calls for additional excavation of petroleum-contaminated soils on-site and post-excavation sampling. Work is scheduled to begin on September 15th.

(Harrington)4/3/09 - Haggerty: approved Excavation Report. With this excavation, over 7000 tons of contaminated soil has been removed from the site. My comments were as follows:1. A "No Further Action" letter can not be granted for just the on-site soils. If the replacement monitoring wells are installed and groundwater meets with DEC approval, a "No Further Action" letter will be issued for the spill 90-07766 and I will re-open spill 05-08671 for the off-site contamination.2. Resend the Off-Site Investigation Work Plan under a separate cover. Dave Harrington disregarded the 8/29/08 RRAP and therefore I have not been able to review the work plan contained therein. After I have approved it, I will forward the DOT sidewalk permit letter.3. I have spoken with the Developer's consultant. The Developer's consultant, George Kavrakis, states the layout of the station has been approved and is not subject to change. Therefore, proceed with the installation of the on-site replacement wells within the next 60 days. I also informed him that if the monitoring wells are damaged during the construction of the new station, it will be their responsibility to re-install them. I have attached the site plan for the new station which appears to match the layout provided in your report. 4. I spoke with the BEST Squad Demolition Supervisor who was holding up the redevelopment at the property and wrote him a letter (attached) requesting he allow redevelopment to begin. Once he receives the letter, he states construction can proceed. According to George Kavrakis, once they receive permission from the BEST Squad, construction will begin. Please coordinate with Mr. Kavrakis (516 298 2355)6/19/09 - Haggerty: had conference call with Ken Drake (ExxonMobil) and Kleinfelder. New station under construction and will not be completed for the next month. Installation of on-site and off-site MW's will be completed at the same time once construction of the new station is complete.

June 2010 - required additional delineation of MTBE plume  
August 2010 - received Supplemental Subsurface Investigation Work Plan. Under review  
11-4-10 - Austin - Had a discussion with Sally Dewes of DEC/Albany - Sampling at this site recently yielded the discovery of ethanol, indicating that there may be a new release on this site - we agreed that this would be called in as a new spill report, for investigation by Region 2 Spills - end  
March 2011 - reviewed SIR and sent comment email requiring work plan to remediate off-site LPH. EFR events over the past 3 years have not reduced LPH thickness  
May 2011 - Work plan overdue  
June 2011 - approved plan to increase efficiency of LPH removal using HIT events. Also, the new owner had a Spill called in under the his name due to ethanol detections  
November 2011 - Feasibility Report due in December  
December 2011 - Feasibility Report under review  
January 2012 - using VER events. percent level vapors were being collected. Considering this is ~200ft for the site, it appears a plume of product has broken off for the source. Remedial alternatives being

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

evaluated March 2012 - met with new Project Manager, Heather Cloud, from GES and discussed project. A plume of free product has broken off from the site and is slowly moving across Humboldt. We discussed the fact that the plume will be persistent for years. She requested 2 months to meet internally as to the next step. I told to look for a possible locations for a SVE system shed in the adjacent properties May 2012 - nothing substantive regarding a solution has been proposed. Conference call required June 2012 - approved EMs soil boring/sampling work plan along McGuinness where the product has been consistent for years December 2012 - GES proposed excavating the sidewalk on McGuinness Blvd into the groundwater to remove the product beneath it. EM fully excavated the station and the remaining contamination has detached from the original site. This site requires more thought. Even if they did excavate the sidewalk which a don't believe the DOT would allow, more product will migrate below the sidewalk due to the groundwater flow direction October 2013 - approved EM work plan to perform 2 Dual-Phase Extraction events to determine the vapor mass in the subsurface. Groundwater is only 10 fbg and free product is present near buildings with basements April 25, 2014: Haggerty - Conference call including: EM territory manager Laurie McCarthy, EM legal Counsel Andrew Torrent, EM consultant GES, OGC Scott Caruso, Jim Moras and PM. We discussed the fact that EM was not in compliance with the Consent Order over the past seven months. PM approved a work plan to perform 2 Dual-Phase Extraction events 9/24/13 to determine the vapor mass in the subsurface as well as to estimate how fast the vapor mass is rebounding. Only one DPE event was conducted and it took seven months to receive the report. As this point, it may be necessary to involve the DOH. EM scheduled another conference for a week later (5/2/14) with proposals to deal with the vapor mass as well as remediation of the Spill.

Remarks:

LINE TEST ONLY, PETRO TITE, LEAK RATE -.011GPH, WILL EXCAVATE, REPAIR & RETEST (REPAIRS BY ALVIN PETROLEUM).

Material:

Site ID: 59273  
Operable Unit ID: 945056  
Operable Unit: 01  
Material ID: 431609  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: True  
Site ID: 59273  
Operable Unit ID: 945056  
Operable Unit: 01  
Material ID: 2106619  
Material Code: 1213A  
Material Name: MTBE (METHYL-TERT-BUTYL ETHER)  
Case No.: 01634044  
Material FA: Hazardous Material  
Quantity: Not reported  
Units: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: True

**Tank Test:**

Site ID: 59273  
Spill Tank Test: 1537714  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

**UST:**

Id/Status: 2-157295 / Active  
Program Type: PBS  
Region: STATE  
DEC Region: 2  
Expiration Date: 02/01/2017  
UTM X: 589161.48621  
UTM Y: 4508307.6923900004  
Site Type: Retail Gasoline Sales

**Affiliation Records:**

Site Id: 5199  
Affiliation Type: Mail Contact  
Company Name: BOLLA OPERATING CORP.  
Contact Type: Not reported  
Contact Name: CMS: MAILSTOP F-76  
Address1: % GILBARCO VEEDER-ROOT  
Address2: 7300 W. FRIENDLY AVE, MS F-76  
City: GREENSBORO  
State: NC  
Zip Code: 27420  
Country Code: 001  
Phone: (800) 253-8054  
EMail: CMS@GILBARCO.COM  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 10/10/2013

Site Id: 5199  
Affiliation Type: On-Site Operator  
Company Name: BOLLA OPERATING CORP.  
Contact Type: Not reported  
Contact Name: STATION MANAGER  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 389-2729

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 10/10/2013  
  
Site Id: 5199  
Affiliation Type: Emergency Contact  
Company Name: BOLLA OPERATING CORP  
Contact Type: Not reported  
Contact Name: FMS SPILL RESPONSE HOTLINE  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (800) 997-7725  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 3/22/2012

Site Id: 5199  
Affiliation Type: Facility Owner  
Company Name: BOLLA OPERATING CORP.  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 809 STEWART AVE  
Address2: Not reported  
City: GARDEN CITY  
State: NY  
Zip Code: 11530  
Country Code: 001  
Phone: (516) 512-6125  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 10/10/2013

**Tank Info:**

Tank Number: 001  
Tank ID: 29854  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 12/01/1975  
Date Tank Closed: 12/01/1987  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None

Tank Number: 002  
Tank ID: 29855  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1969  
Date Tank Closed: 12/01/1987  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None

Tank Number: 003  
Tank ID: 29856  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1969  
Date Tank Closed: 12/01/1987  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None  
H00 - Tank Leak Detection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
I00 - Overfill - None

Tank Number: 004  
Tank ID: 29857  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1969  
Date Tank Closed: 12/01/1987  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None

Tank Number: 005  
Tank ID: 29858  
Tank Status: Closed - Removed  
Material Name: Closed - Removed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Capacity Gallons: 550  
Install Date: 12/01/1969  
Date Tank Closed: 12/01/1987  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None

Tank Number: 006  
Tank ID: 29859  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1969  
Date Tank Closed: 12/01/1987  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
B00 - Tank External Protection - None  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Tank Number: 007  
Tank ID: 29860  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1969  
Date Tank Closed: 12/01/1987  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None

Tank Number: 008  
Tank ID: 29861  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1969  
Date Tank Closed: 12/01/1987  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None  
A00 - Tank Internal Protection - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None

Tank Number: 009  
Tank ID: 29862  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1969  
Date Tank Closed: 12/01/1987  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
B00 - Tank External Protection - None  
I00 - Overfill - None

Tank Number: 010  
Tank ID: 29863  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1969  
Date Tank Closed: 12/01/1987  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Equipment Records:

G00 - Tank Secondary Containment - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
B00 - Tank External Protection - None  
I00 - Overfill - None  
H00 - Tank Leak Detection - None

Tank Number: 011  
Tank ID: 29864  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1969  
Date Tank Closed: 12/01/1987  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
G00 - Tank Secondary Containment - None  
B00 - Tank External Protection - None  
I00 - Overfill - None  
H00 - Tank Leak Detection - None

Tank Number: 012  
Tank ID: 29865  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1969  
Date Tank Closed: 12/01/1987  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None

Tank Number: 013  
Tank ID: 29866  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1969  
Date Tank Closed: 12/01/1987  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
B00 - Tank External Protection - None  
I00 - Overfill - None  
H00 - Tank Leak Detection - None

Tank Number: 014  
Tank ID: 29867  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1969  
Date Tank Closed: 12/01/1987

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None

Tank Number: 015  
Tank ID: 29868  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1969  
Date Tank Closed: 12/01/1987  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 9999  
Common Name of Substance: Other

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None

Tank Number: 016  
Tank ID: 227975  
Tank Status: In Service

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Material Name: In Service  
Capacity Gallons: 12000  
Install Date: 04/01/2009  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 10/10/2013

Equipment Records:

D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
F04 - Pipe External Protection - Fiberglass  
K01 - Spill Prevention - Catch Basin  
A00 - Tank Internal Protection - None  
J01 - Dispenser - Pressurized Dispenser  
B04 - Tank External Protection - Fiberglass  
H05 - Tank Leak Detection - In-Tank System (ATG)  
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
E04 - Piping Secondary Containment - Double-Walled (Underground)  
I03 - Overfill - Automatic Shut-Off

Tank Number: 017  
Tank ID: 227976  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 12000  
Install Date: 04/01/2009  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 10/10/2013

Equipment Records:

D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
G04 - Tank Secondary Containment - Double-Walled (Underground)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- B04 - Tank External Protection - Fiberglass
- H05 - Tank Leak Detection - In-Tank System (ATG)
- L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
- E04 - Piping Secondary Containment - Double-Walled (Underground)
- I03 - Overfill - Automatic Shut-Off
- A00 - Tank Internal Protection - None
- J01 - Dispenser - Pressurized Dispenser
- C02 - Pipe Location - Underground/On-ground
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I02 - Overfill - High Level Alarm
- F04 - Pipe External Protection - Fiberglass
- K01 - Spill Prevention - Catch Basin

Tank Number: 018  
Tank ID: 227977  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 8000  
Install Date: 04/01/2009  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 10/10/2013

Equipment Records:

- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- F04 - Pipe External Protection - Fiberglass
- K01 - Spill Prevention - Catch Basin
- A00 - Tank Internal Protection - None
- J01 - Dispenser - Pressurized Dispenser
- B04 - Tank External Protection - Fiberglass
- H05 - Tank Leak Detection - In-Tank System (ATG)
- L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
- C02 - Pipe Location - Underground/On-ground
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I02 - Overfill - High Level Alarm
- E04 - Piping Secondary Containment - Double-Walled (Underground)
- I03 - Overfill - Automatic Shut-Off

Tank Number: 019  
Tank ID: 227978  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 8000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Install Date: 04/01/2009  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0008  
Common Name of Substance: Diesel

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 10/10/2013

Equipment Records:

D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
B04 - Tank External Protection - Fiberglass  
H05 - Tank Leak Detection - In-Tank System (ATG)  
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
E04 - Piping Secondary Containment - Double-Walled (Underground)  
I03 - Overfill - Automatic Shut-Off  
A00 - Tank Internal Protection - None  
J01 - Dispenser - Pressurized Dispenser  
C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
F04 - Pipe External Protection - Fiberglass  
K01 - Spill Prevention - Catch Basin

Tank Number: 100  
Tank ID: 41992  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 09/01/1988  
Date Tank Closed: 04/24/2007  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: 21  
Date Test: 10/22/2003  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 10/16/2007

Equipment Records:

C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
B04 - Tank External Protection - Fiberglass

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

F00 - Pipe External Protection - None  
K01 - Spill Prevention - Catch Basin  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J01 - Dispenser - Pressurized Dispenser  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
E00 - Piping Secondary Containment - None

Tank Number: 200  
Tank ID: 41993  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 09/01/1988  
Date Tank Closed: 04/24/2007  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: 21  
Date Test: 10/22/2003  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 10/16/2007

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
E00 - Piping Secondary Containment - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J01 - Dispenser - Pressurized Dispenser  
F00 - Pipe External Protection - None  
K01 - Spill Prevention - Catch Basin  
B04 - Tank External Protection - Fiberglass

Tank Number: 300  
Tank ID: 41994  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 09/01/1988  
Date Tank Closed: 04/24/2007  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0009  
Common Name of Substance: Gasoline

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Tightness Test Method: 21  
Date Test: 10/06/2003  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 10/16/2007

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
B04 - Tank External Protection - Fiberglass  
E00 - Piping Secondary Containment - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J01 - Dispenser - Pressurized Dispenser  
C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
F00 - Pipe External Protection - None  
K01 - Spill Prevention - Catch Basin

Tank Number: 400  
Tank ID: 41995  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 09/01/1988  
Date Tank Closed: 04/24/2007  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: 01  
Date Test: 03/01/1992  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 10/16/2007

Equipment Records:

F00 - Pipe External Protection - None  
K01 - Spill Prevention - Catch Basin  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J01 - Dispenser - Pressurized Dispenser  
C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
B04 - Tank External Protection - Fiberglass  
E00 - Piping Secondary Containment - None

Tank Number: 500

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Tank ID: 41996  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 09/01/1988  
Date Tank Closed: 04/24/2007  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: 00  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 10/16/2007

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
B04 - Tank External Protection - Fiberglass  
E00 - Piping Secondary Containment - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J01 - Dispenser - Pressurized Dispenser  
C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
F00 - Pipe External Protection - None  
K01 - Spill Prevention - Catch Basin

Tank Number: 600  
Tank ID: 41997  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 1000  
Install Date: 06/01/1988  
Date Tank Closed: 04/24/2007  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 01  
Date Test: 03/01/1992  
Next Test Date: Not reported  
Pipe Model: F  
Modified By: NRLOMBAR  
Last Modified: 10/16/2007

Equipment Records:

F00 - Pipe External Protection - None  
K01 - Spill Prevention - Catch Basin  
A00 - Tank Internal Protection - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

D10 - Pipe Type - Copper  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
B04 - Tank External Protection - Fiberglass  
I05 - Overfill - Vent Whistle  
C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
E00 - Piping Secondary Containment - None

Tank Number: 600A  
Tank ID: 56134  
Tank Status: Tank Converted to Non-Regulated Use  
Material Name: Tank Converted to Non-Regulated Use  
Capacity Gallons: 1000  
Install Date: 01/01/1988  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 9999  
Common Name of Substance: Other

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 05/21/2007

Equipment Records:

I01 - Overfill - Float Vent Valve  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
G10 - Tank Secondary Containment - Impervious Underlayment  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping  
F00 - Pipe External Protection - None  
K01 - Spill Prevention - Catch Basin  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
B04 - Tank External Protection - Fiberglass  
C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Number: 700  
Tank ID: 50672  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 1000  
Install Date: 06/01/1988  
Date Tank Closed: 04/24/2007  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0022  
Common Name of Substance: Waste Oil/Used Oil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: NRLOMBAR  
Last Modified: 10/16/2007

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)  
B04 - Tank External Protection - Fiberglass  
I00 - Overfill - None  
D00 - Pipe Type - No Piping  
J00 - Dispenser - None  
L00 - Piping Leak Detection - None  
E00 - Piping Secondary Containment - None  
A00 - Tank Internal Protection - None  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
K01 - Spill Prevention - Catch Basin

SPILLS:

Facility ID: 1011266  
Facility Type: ER  
DER Facility ID: 399959  
Site ID: 444909  
DEC Region: 2  
Spill Date: 2/9/2011  
Spill Number/Closed Date: 1011266 / Not Reported  
Spill Cause: Unknown  
Spill Class: Not reported  
SWIS: 2401  
Investigator: RJFENG  
Referred To: Not reported  
Reported to Dept: 2/9/2011  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 1  
Date Entered In Computer: 2/9/2011  
Spill Record Last Update: 7/11/2013  
Spiller Name: Not reported  
Spiller Company: SUNOCO SERVICE STATION  
Spiller Address: Not reported  
Spiller City,St,Zip: NN  
Spiller Company: 001  
Contact Name: VIKI CRETEUR  
Contact Phone: Not reported  
DEC Memo: This is a new spill at the site of an old ongoing spill case. A newly called in spill number usually means there is a new owner/operator. The old owner is cleaning up the old case and does not want to be

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

held responsible for the new spill. Cross Ref Spill #9007766. Call Kleinfelder to determine why this is a new spill and what is being done to clean it up. 3/11/11 - Called Kleinfelder and left a message to the operator to call back. Case Manager: Viki Creteur (631 281 0612 Ext 220) 10/27/11 - Austin - Transferring this case from Ahmed to Ketani - end 07/11/2013 - Case is transferred from Ketani (Section C) to Feng (Section of Spill Prevention and Response) as per DER Region 2 decision. V. Brevdo  
Remarks: test data show NEW release/9007766

**Material:**

Site ID: 444909  
Operable Unit ID: 1195345  
Operable Unit: 01  
Material ID: 2191417  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: Gallons  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Facility ID: 0508671  
Facility Type: ER  
DER Facility ID: 301050  
Site ID: 354303  
DEC Region: 2  
Spill Date: 10/19/2005  
Spill Number/Closed Date: 0508671 / 12/22/2006  
Spill Cause: Unknown  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: DKHARRIN  
Referred To: Not reported  
Reported to Dept: 10/19/2005  
CID: 407  
Water Affected: Not reported  
Spill Source: Unknown  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 10/19/2005  
Spill Record Last Update: 12/22/2006  
Spiller Name: Not reported  
Spiller Company: UNKNOWN  
Spiller Address: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #FX9 (Continued)**

**1000553844**

Spiller City,St,Zip: NY  
Spiller Company: 999  
Contact Name: CHRISTINE CAMARDELLA  
Contact Phone: (631) 218-0612  
DEC Memo: 12/22/2006: Consolidated under spill no. 90-07766. (Harrington)  
Remarks: notified dave harrington of this spill, sampling shows contamination.

Material:

Site ID: 354303  
Operable Unit ID: 1111723  
Operable Unit: 01  
Material ID: 2101771  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**AG154**  
**WNW**  
**1/4-1/2**  
**0.377 mi.**  
**1993 ft.**

**64 FROST ST**  
**64 FROST STREET**  
**BROOKLYN, NY 11211**

**NY LTANKS** **S102232676**  
**NY Spills** **N/A**

**Site 1 of 2 in cluster AG**

**Relative:**  
**Lower**

LTANKS:

**Actual:**  
**17 ft.**

Site ID: 261281  
Spill Number/Closed Date: 9601530 / 8/5/2010  
Spill Date: 4/30/1996  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: hrpatel  
Referred To: Not reported  
Reported to Dept: 4/30/1996  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 4/30/1996  
Spill Record Last Update: 8/5/2010  
Spiller Name: Not reported  
Spiller Company: MEEKER DISCOUNT MUFFLERS  
Spiller Address: 64 FROST ST  
Spiller City,St,Zip: BROOKLYN, NY

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
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64 FROST ST (Continued)

S102232676

Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: (718) 388-3329  
Spiller Extension: Not reported  
DEC Region: 2  
DER Facility ID: 6789  
DEC Memo: 3/11/03 - SAMUEL- File available in active unassigned spill files.4/3/06 Diaz - Next Steps - February 2000 Investigation report stated further investigation & possible remedial work recommended. Verify & conduct work or close site.6/28/07. J.Krimgold reviewed and approved IWP submitted by FPM Group (631-737-6200)on June 27, 2007. The plan calls for 4 soil/gw samples around tanks excavation pit5/21/08. email from FPM's Ben Cancemi informed that excavation and sampling activities will commence on 5/22/08.02/12/09-Hiralkumar Patel. contaminated groundwater (with sheen) was discovered under basement floor at 684 Lorimer Street, site located behind subject gas station. based on location of both sites, contamination under house at 684 Lorimer street might be originated from subject gas station site. based on recent findings, case transferred from DEC Jacob to DEC Patel.found following documents for the subject site:- tank closure environmental site assessment, Nov. 1999- subsurface investigation report, Feb. 2000- subsurface investigation work plan, Jun. 27, 2007- subsurface investigation report and remedial action plan, Sep. 10, 2007abstract of tank closure report, Nov. 1999:- total of eight 550 gal and one 3000 gal USTs were removed including all pipings and portions of pump islands- all of the tank in very good condition and exhibited no evidence of corrosion- five of the tanks were empty, and three tanks were filled with concrete- 3000 gal tank contained approx. 1300 gal of water and petroleum products- total of eight soil and water samples were collected after tank removal- depth to groundwater ranged from 14-16 ft bg <----- according to fire department record, in Nov. of 1984, the eight 550 gal tanks failed the official 10 year test- in sept. of 1985, three 550 gal were purged and filled with concrete- one pump was removed and all associated lines were sealed- highest PID readings were noted at an average depth of 10 to 15 ft <----- fine to medium sized grain sand with clay lenses were found to a level of 12 to 14 ft bg- a layer of one foot in thickness of peat-like material intermixed with clay occurred at about 16 ft bg- found xylene contamination in east and north sidewall samples- found contamination in groundwater samplesoil  
analyticals:-----XyleneNorth----4,600East----13,500groundwater  
analyticals:-----west bottom pit-----east bottom  
pitBenzene-----160-----230Toluene-----200---  
-----230Ethylbenzene-----97-----120Xylene-----  
-----1,410-----1,  
520Naphthalene-----390-----640MTBE-----1,  
900-----2,300abstract of subsurface investigation report,  
feb. 2000:- eight borings (B1 thru B8) were advanced and collected soil and groundwater samples from borings- borings B1, B2 and B5 thru B8 were advanced in the immediate vicinity of the former tank field and borings B3 and B4 advanced near the west property line- groundwater found at 10 ft depth- soil samples collected at 8-10 ft depth from each boring except boring B4 where no sample collected; additional soil sample collected from boring B1 at 0-4 ft depth- high PID reading found during borings- contamination found in soil and groundwater samplesPID

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

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64 FROST ST (Continued)

S102232676

readings:-----0-4-----4-8-----8-10B1-----1,120----1,  
160----1,  
190B5-----110-----20-----55B6-----2,  
010B7-----640soil  
analyticals:-----B1-----B1-----B6  
0-4 ft 8-10 ft 8-10  
ftBenzene-----<250Xylene-----25,  
000-----5,300-----1,2001,2,4-Trimethylbenzene--14,0001,3,  
5-Trimethylbenzene--23,000-----3,200groundwater  
analyticals:  
-----GW1----GW-3----GW-4----GW-5----GW-6----  
GW-7----GW-8Benzene-----  
-----2,  
900Toluene-----520-----  
-----540Ethylbenzene-----1  
20-----160-----260----1,  
700Xylene-----360-----640----420--  
--2,000--15,  
000Naphthalene-----  
---140-----700MTBE-----260-----180-----830-----1  
20----1,200----1,500----7,0001,2,  
4-Trimethylbenzene---210-----190-----750  
---3,6001,3,  
5-Trimethylbenzene---330-----170-----300----1,  
700----7,200abstract of subsurface investigation report, Sep., 2007:-  
four soil boring were installed to final depth of 15 ft bg- soils  
encountered at the property generally consisted of fine to medium  
grained sand with gravel and trace amount of silt and clay from just  
below grade to the top of blue-green clay layer- the top of the  
blue-green clay layer was evident in all of the borings at depths  
ranging from approx. 12.5 to 14.5 ft bg- the blue-green clay layer  
showed no indications of potential contamination and was not fully  
penetrated by any of the borings- staining and petroleum odors were  
generally observed in the soils from all of the borings in an  
interval near the water table surface, which was generally  
encountered at 8 to 8.5 ft bg- interval of staining/odor was variable  
in thickness and ranged from approx. one foot at boring B4 to approx.  
7 ft at boring B1- PID readings in stained soils generally ranged  
between 10 and 60 ppm- groundwater samples collected from each  
borings- no free-phase product was observed in any borings- found  
contamination in soil and groundwater samplesoil  
analyticals:-----B1 (7-8 ft  
depth)Benzene-----7,000Toluene-----200,  
000Ethylbenzene-----110,000Xylene-----620,  
000Naphthalene-----56,0001,2,4-Trimethylbenzene--510,0001,3,  
5-Trimethylbenzene--150,000groundwater  
analyticals:  
-----B1-AQ-----B2-AQ-----B3-AQ-----  
B4-AQBenzene-----1,500Toluene-----3,  
700Ethylbenzene-----1,100Xylene-----4,  
900Naphthalene-----470-----120MTBE--  
-----3001  
,2,4-Trimethylbenzene----1,500-----140-----4401,3,  
5-Trimethylbenzene-----370abstract of remedial action plan, Sept.  
2007:- proposed to excavate impacted soils in the vicinity of boring  
B1- "based on relatively low levels of groundwater impact, its  
apparently limited extent, and the apparent absence of free-phase

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

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64 FROST ST (Continued)

S102232676

product, no groundwater remediation recommended"- three groundwater wells are proposed to be installed for groundwater flow direction determination- each well will be installed to a depth of no more than 14 ft, so as not to penetrate the clay underlying the property- each well will be installed with 10 ft of screensummary:- groundwater found at different depths: 14-16 ft during tank removal, 10 ft during subsurface investigation in 2000 and at 8.5 ft during subsurface investigation in 2007- no groundwater flow direction available- no permanent wells installed at the site- heavy soil and groundwater contamination found during each investigation- contamination found in all sides of previous tank location- DEC Jacob issued RAP approval letter on Oct. 4, 2007 <----- as per email from Ben Cancemi from FPM group, excavation according to approved RAP was scheduled on 05/22/08 <-----Paul's LLC \*\*site owner\*\*318 Grand StreetBrooklyn, NY 11211Attn.: Paul JoffePh. (718) 486-6916 (O) (917) 693-3292 (C)email: pauljoffe@pauljoffe.comaccording to building department permit record, Mr. Joffe applied for permit to convert service station into dinning location.found another spill case reported at the gas station site. - 9806871: spill called in by citizen on 09/04/1998 about abandoned tanks; tipped over. spill closed on 02/26/2003.left message for Mr. Joffe.received call from Mr. Carter from Mr. Joffe's office. informed him about situation. Mr. Carter doesn't know much about this site but will ask Mr. Joffe to call back.Nathan CarterPh. (718) 486-680402/13/09-Hiralkumar Patel. left message for Mr. Joffe.left message for Ben Cancemi, consultant who was going to perform remedial activities.Ben T. Cancemi, CPGFPM GroupPh. (631) 737-6200Fax (631) 737-2410email: b.cancemi@fpm-group.com02/17/09-Hiralkumar Patel. received call from Ben from FPM Group. they excavated contaminated soil to water table in front of stores and installed three monitoring wells in June 2008. but haven't got authorization to sample these wells. Ben mentioned that endpoint sample analyticals were clean. asked Ben to submit sample analytical summary table and scaled site map with locations of endpoint samples and wells. also asked him to include approx. location of tank and dispenser islands.received email from Ben with sample analytical summary table with site plan showing endpoint sample and well locations. site plan shows that wells were installed in front of stores on-site. but no well observed during site visit, but found some fresh patches in concrete (which could be location of wells).received call from Mr. Joffe. asked him to submit remedial action report by the end of March 06, 2009. he mentioned that area between his property and houses along Lorimer street is a commercial property at 297 Meeker Ave which is a paint shop. 02/18/09-Hiralkumar Patel. received email from Ben. they will do well sampling on 02/20/09.02/20/09-Hiralkumar Patel. visited site. met Mr. Joffe and John (FPM group). monitoring wells found in front of store. groundwater was found around 6-7 ft bg. found sheen on water from each wells. will submit sample analyticals and groundwater flow direction.during site visit, noticed an auto repair shop at 59 Frost Street. met store manager. site has one 275 gal waste oil AST. tank is not registered. asked manager to register tank. sent email to DEC Jacob regarding un-registered waste oil tank at 59 Frost St. no parts cleaning operation at the auto repair shop.Billy AlexUnique Auto Repair59 Frost StBrooklyn, NY 11211PH. (718) 387-7537Fax (718) 384-6180email: uniqueauto59@gmail.comduring site visit, Mr. Joffe mentioned that site at 297 Meeker Ave runs from Meeker Ave to Frost Street, between the subject gas station and house at 684 Lorimer st

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

64 FROST ST (Continued)

S102232676

where contaminated water was found. Mr. Joffe mentioned that there is painting business at 297 Meeker Ave. owner's address for 297 Meeker Ave, from property shark:Wanda Berry56 Frost St.Brooklyn, NY 11211Ph. (516) 627-4245owner's address for 297 Meeker Ave, from ACRIS:Wanda Berry PO Box 131 Manhasset, NY 11030-0131 02/23/09-Hiralkumar Patel. received email from Mr. Joffe. he found from NYC DOB that site across frost st was dry cleaner and had seven 1000 gal USTs.03/06/09-Hiralkumar Patel. received remedial action report from Ben. abstract:- 186.34 tons of contaminated soils were excavated from southern portion of the former UST area and in proximity to the location of a reported former fuel dispensing island- two endpoint bottom samples and four endpoint sidewall samples collected from excavation- found some contamination in endpoint bottom sample from north end of excavation- additional soil was removed from the north end and collected additional endpoint bottom sample- sidewall samples were taken at 7 ft bg and bottom samples taken at 11 ft bg (means bottom endpoint samples were taken below water table)- three monitoring wells (MW-1 through MW-3) were installed in proximity to the former soil boring locations B1 through B3 (borings that done during subsurface investigation in 2007)- well MW-2 installed at previous boring B1 and MW-3 installed at previous boring B3- wells were installed to a depth of approx. 14 ft bg and completed with ten feet of screen- groundwater was found at around 8 ft depth <----- site-specific groundwater flow direction is to the northeast <----- no free-phase product or other visible indications of potential contamination were observed- found MTBE contamination in all three wells-----MTBEMW-1-----12MW-2-----150MW-3-----50report missing scaled site map.03/13/09-Hiralkumar Patel. spoke with Ben at FPM. asked him to submit scaled site map with all previous sampling/well locations. asked Ben about any dewatering as soil was removed from below water table also. Ben mentioned that water was coming into excavation so slowly. they were removing soil from excavation and wait till water from excavation bucket drain out before loading soil for disposal. so no dewatering happened.summary: during all previous investigations, highest contamination was found towards the west end of property, in close proximity to existing well MW-2. and MW-2 is the downgradient well at the property edge.based on results of high soil and groundwater contamination in area of MW-2 and groundwater flow direction, requires off-site groundwater investigation. requires off-site well downgradient from existing well MW-2.spoke with Mr. Joffe. explained him findings of previous investigations and asked him for one more well downgradient from well MW-2.sent letter to Mr. Joffe requiring delineation of possible soil and groundwater contamination, downgradient from well MW-2. letter emailed to Mr. Joffe and Ben.03/27/09-Hiralkumar Patel. received email from Mr. Cancemi with site map including location of proposed downgradient well.03/30/09-Hiralkumar Patel. received email from Mr. Cancemi. he is planning to install well on April 08, 2009. sent email to Mr. Cancemi approving proposed location.05/11/09-Hiralkumar Patel.1:35 PM:- received report from Mr. Cancemi. abstract:- off-site well installed (MW-4), about 20 ft downgradient from well MW-2- well installed to a depth of approx. 14 ft bg with 10 ft of screen- soil generally consisted of fine to medium-grained silty sand with gravel and trace amount of clay. brick, wood, coal, ash and concrete fragments were noted in the entire screen interval, but were more abundant in the top five ft of boring- faint petroleum odors and PID

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

64 FROST ST (Continued)

S102232676

responses were noted on soils from 8 to 9 ft interval; no odor or PID noticed in other intervals- groundwater was found at approx. 7.5 ft bg <----- one soil sample collected just above water table and one at 8-9 ft depth (below water table)- no free product observed in any wells on site- groundwater flow towards northeast <----- 1,400 ppb of MTBE found in soil sample at 8-9 ft depth- 98 ppb of MTBE found in groundwater sample from MW-405/29/09-Hiralkumar Patel.10:46 AM:- sent letter to Mr. Joffe requiring surrounding area site map (with possible off-site source) and quarterly groundwater monitoring and sampling for a period of one year (including wells gauging during each sampling events to define site specific groundwater flow direction). letter emailed to Mr. Joffe and Mr. Cancemi.09/24/09-Hiralkumar Patel.3:20 PM:- spoke with Ben. they submitted proposal to Mr. Joffe but hasn't heard back.3:22 PM:- spoke with Mr. Joffe. he will ask Ben to conduct groundwater sampling.09/29/09-Hiralkumar Patel.12:13 PM:- received email from Ben. he will sample wells on 10/01/09. he mentioned that previous samples were analyzed for VOCs only as gasoline spill was the cause. he asked whether SVOC analysis needed for groundwater samples.12:45 PM:- sent email to Ben to analyze samples for VOCs only.12/01/09-Hiralkumar Patel.3:26 PM:- spoke with Mr. Joffe. he spoke with Ben today. Ben is preparing report. asked Mr. Joffe to submit report by the end of 12/11/09.12/02/09-Hiralkumar Patel.11:20 AM:- received quarterly groundwater sampling rept from Ben. sampled all four wells in Oct. 2009. minor MTBE contamination found in samples. will sample all wells again in Jan. 2010.12:42 PM:- sent email to Ben asking to submit next quarterly report by end of Feb. 2010. email copied to Mr. Joffe.12/11/09-Hiralkumar Patel.11:20 AM:- received email from Ben including site map showing surrounding area use.01/25/10-Hiralkumar Patel.3:41 PM:- received message from Daniel Cole (212-341-0964) from NYC DEP. he mentioned that subject site is e-designated and currently reviewing closure report. Mr. Cole wants to know spill status.01/26/10-Hiralkumar Patel.2:40 PM:- received email from Ben. they collected second round of groundwater sampling last week and will submit second quarterly report once lab data is available.3:06 PM:- spoke with Mr. Cole. Mr. Cole asked if DEC requires anything more than quarterly monitoring. informed Mr. Cole that the department may require additional work based on quarterly groundwater sampling reports. Mr. Cole mentioned that owner did air monitoring. asked Mr. Cole to send copy of air monitoring report. he will email the report.02/11/10-Hiralkumar Patel.8:23 AM:- received second quarterly report from Ben. minor MTBE contamination found in groundwater samples (MW-3: 20 ppb, MW-4: 40 ppb). will sample wells in Apr. 2010.05/12/10-Hiralkumar Patel.1:56 PM:- received third quarterly report from Ben. minor MTBE contamination found in groundwater samples (MW-3: 23 ppb, MW-4: 57 ppb). will sample wells in July 2010.08/05/10-Hiralkumar Patel.8:57 AM:- received fourth quarterly report from Ben. minor MTBE contamination found in groundwater samples (MW-3: 20 ppb, MW-4: 25 ppb).based on submitted documents, case closed.2:50 PM:- spill closure letter emailed to Mr. Joffe. email copied to Ben.

Remarks:

caller believes its a bad line - 5 - 550 gal tanks manifolded together

Material:

Site ID: 261281  
Operable Unit ID: 1029178  
Operable Unit: 01

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**64 FROST ST (Continued)**

**S102232676**

Material ID: 351329  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 261281  
Spill Tank Test: 1544507  
Tank Number: 1-5  
Tank Size: 550  
Test Method: 03  
Leak Rate: 0  
Gross Fail: F  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

**SPILLS:**

Facility ID: 9806871  
Facility Type: ER  
DER Facility ID: 6789  
Site ID: 121571  
DEC Region: 2  
Spill Date: 9/3/1998  
Spill Number/Closed Date: 9806871 / 2/26/2003  
Spill Cause: Abandoned Drums  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
  
SWIS: 2401  
Investigator: TOMASELLO  
Referred To: Not reported  
Reported to Dept: 9/4/1998  
CID: 205  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: DEC  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 9/4/1998  
Spill Record Last Update: 6/28/2007  
Spiller Name: Not reported  
Spiller Company: ABANDONED GASOLINE STA.  
Spiller Address: FOURTH & MEEKER AVE  
Spiller City,St,Zip: BROOKLYN, NY  
001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**64 FROST ST (Continued)**

**S102232676**

Contact Name: CALLER  
Contact Phone: (718) 482-6451  
DEC Memo: Not reported  
Remarks: call recv'ed from citizen. Re:abandoned tanks, tipped over.

Material:  
Site ID: 121571  
Operable Unit ID: 1067983  
Operable Unit: 01  
Material ID: 318008  
Material Code: 0064A  
Material Name: UNKNOWN MATERIAL  
Case No.: Not reported  
Material FA: Other  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

AH155  
ENE  
1/4-1/2  
0.378 mi.  
1998 ft.

**BUG, EQUITY WORKS  
MASPETH AND MORGAN AVENUES  
BROOKLYN, NY 11222**

**NY HSWDS S102872851  
N/A**

**Site 1 of 2 in cluster AH**

**Relative:  
Lower**

HSWDS:  
Facility ID: HS2009  
Region: 2  
Facility Status: Unknown  
Owner Type: Publ Utily  
Owner: (formerly) Brooklyn Union Gas  
Owner Address: 195 Montague Street  
Owner Phone: (718)403-3053  
Operator Type: Unknown  
Operator: Unknown  
Operator: Unknown  
Operator Phone: Unknown  
EPA ID: NYD980532048  
Registry: Not on NYS Registry of Inactive Haz Waste Disposal Sites  
Registry Site ID: Unknown  
RCRA Permitted: Unknown  
Site Code: Coal Gasification Plant  
Owner City State: Brooklyn  
Operator City State: Not reported  
Quadrangle: Unknown  
Latitude: 40 43 00 N  
Longitude: 73 56 15 W  
Acres: 0.00  
Operator Date: 1896  
Close Date: 1928  
Completed: PA  
Active: No  
PCB's Disposed: Unknown  
Pesticides Disposed: No

**Actual:  
18 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BUG, EQUITY WORKS (Continued)**

**S102872851**

Metals Disposed:	No
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	Environmental
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Access:	Unknown
Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	Not reported
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	Not reported
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AI156  
NE  
1/4-1/2  
0.383 mi.  
2022 ft.

**JOSEPH LOWESTEIN AND SONS INC**  
**420 MORGAN AVE**  
**BROOKLYN, NY 11222**

**NY LTANKS**  
**NY MANIFEST**  
**NY Spills**

**S104647880**  
**N/A**

**Site 1 of 2 in cluster AI**

**Relative:**  
**Lower**

LTANKS:

**Actual:**  
**30 ft.**

Site ID: 209407  
Spill Number/Closed Date: 9704885 / 8/16/2003  
Spill Date: 7/24/1997  
Spill Cause: Tank Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: SIGONA  
Referred To: Not reported  
Reported to Dept: 7/24/1997  
CID: 257  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 7/24/1997  
Spill Record Last Update: 8/18/2003  
Spiller Name: KAY STERN  
Spiller Company: JOSEPH LOWENSTEIN & SON  
Spiller Address: 420 MORGAN AVE  
Spiller City,St,Zip: BROOKLYN, NY 11222-001  
Spiller Contact: KAY STERN  
Spiller Phone: (718) 388-5410  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 148750  
DEC Memo: Not reported  
Remarks: WATER LEAKING INTO A FUEL TANK AND FUEL LEAKING OUT BELIEVES SOME DID GET INTO SEWER - SPILL IS CONTAINED BUT NOT CLEANED UP YET

Material:

Site ID: 209407  
Operable Unit ID: 1050744  
Operable Unit: 01  
Material ID: 334121  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOESEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Tank Test:

NY MANIFEST:

EPA ID: NYD068296839  
Country: USA

Mailing Info:

Name: JOSEPH H LOWENSTEIN & SONS  
Contact: ABDUL K. KASIM  
Address: 420 MORGAN AVE  
City/State/Zip: BROOKLYN, NY 11222  
Country: USA  
Phone: 718-388-5400

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2012-03-23  
Trans1 Recv Date: 2012-03-23  
Trans2 Recv Date: 2012-03-30  
TSD Site Recv Date: 2012-04-12  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 375.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 004824961FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2012-09-11

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Trans1 Recv Date: 2012-09-11  
Trans2 Recv Date: 2012-09-11  
TSD Site Recv Date: 2012-09-18  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 577.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 005681567FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2012-09-11  
Trans1 Recv Date: 2012-09-11  
Trans2 Recv Date: 2012-09-11  
TSD Site Recv Date: 2012-09-18  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 386.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 005681567FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2012-09-11  
Trans1 Recv Date: 2012-09-11  
Trans2 Recv Date: 2012-09-11  
TSD Site Recv Date: 2012-09-18  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 680.0  
Units: P - Pounds  
Number of Containers: 2.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 005681567FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2012-09-11  
Trans1 Recv Date: 2012-09-11  
Trans2 Recv Date: 2012-09-11  
TSD Site Recv Date: 2012-09-18  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDF ID: ARD069748192  
Waste Code: Not reported  
Quantity: 377.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 005681567FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: NJD986607380  
Generator Ship Date: 2012-09-18  
Trans1 Recv Date: 2012-09-18  
Trans2 Recv Date: 2012-09-25  
TSD Site Recv Date: 2012-09-29  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDF ID: ARD069748192  
Waste Code: Not reported  
Quantity: 331.0  
Units: P - Pounds  
Number of Containers: 6.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 005681596FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: NJD986607380  
Generator Ship Date: 2012-09-18  
Trans1 Recv Date: 2012-09-18  
Trans2 Recv Date: 2012-09-25  
TSD Site Recv Date: 2012-09-29  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 441.0  
Units: P - Pounds  
Number of Containers: 4.0  
Container Type: CF - Fiber or plastic boxes, cartons  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 005681596FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2012-09-25  
Trans1 Recv Date: 2012-09-25  
Trans2 Recv Date: 2012-09-28  
TSD Site Recv Date: 2012-10-03  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 306.0  
Units: P - Pounds

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 005681623FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2012-09-11  
Trans1 Recv Date: 2012-09-11  
Trans2 Recv Date: 2012-09-11  
TSD Site Recv Date: 2012-09-20  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD000816629  
Waste Code: Not reported  
Quantity: 678.0  
Units: P - Pounds  
Number of Containers: 5.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 005681568FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOESEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2012-09-11  
Trans1 Recv Date: 2012-09-11  
Trans2 Recv Date: 2012-09-11  
TSD Site Recv Date: 2012-09-20  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD000816629  
Waste Code: Not reported  
Quantity: 2591.0  
Units: P - Pounds  
Number of Containers: 6.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 005681568FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2012-09-18  
Trans1 Recv Date: 2012-09-18  
Trans2 Recv Date: 2012-09-18  
TSD Site Recv Date: 2012-09-27  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD000816629  
Waste Code: Not reported  
Quantity: 3000.0  
Units: P - Pounds  
Number of Containers: 11.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 005681597FLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOESEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD049178296  
Trans2 State ID: NYD049178296  
Generator Ship Date: 2012-02-01  
Trans1 Recv Date: 2012-02-01  
Trans2 Recv Date: 2012-02-01  
TSD Site Recv Date: 2012-02-07  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD083377010  
Waste Code: Not reported  
Quantity: 99.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 009375984JJK  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H071

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD049178296  
Trans2 State ID: NYD049178296  
Generator Ship Date: 2012-02-01  
Trans1 Recv Date: 2012-02-01  
Trans2 Recv Date: 2012-02-01  
TSD Site Recv Date: 2012-02-07

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD083377010  
Waste Code: Not reported  
Quantity: 60.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 009375984JJK  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H071

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD049178296  
Trans2 State ID: NYD049178296  
Generator Ship Date: 2012-02-01  
Trans1 Recv Date: 2012-02-01  
Trans2 Recv Date: 2012-02-01  
TSD Site Recv Date: 2012-02-07  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD083377010  
Waste Code: Not reported  
Quantity: 2.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 009375984JJK  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H075

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD049178296  
Trans2 State ID: NYD049178296  
Generator Ship Date: 2012-02-01  
Trans1 Recv Date: 2012-02-01  
Trans2 Recv Date: 2012-02-01  
TSD Site Recv Date: 2012-02-07  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD083377010  
Waste Code: Not reported  
Quantity: 51.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 009375984JJK  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H111

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD049178296  
Trans2 State ID: NYD049178296  
Generator Ship Date: 2012-02-01  
Trans1 Recv Date: 2012-02-01  
Trans2 Recv Date: 2012-02-01  
TSD Site Recv Date: 2012-02-07  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD083377010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Waste Code: Not reported  
Quantity: 5.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 009375984JJK  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H111

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD049178296  
Trans2 State ID: NYD049178296  
Generator Ship Date: 2012-02-01  
Trans1 Recv Date: 2012-02-01  
Trans2 Recv Date: 2012-02-01  
TSD Site Recv Date: 2012-02-07  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD083377010  
Waste Code: Not reported  
Quantity: 245.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 009375984JJK  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOESEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD049178296  
Trans2 State ID: NYD049178296  
Generator Ship Date: 2012-02-01  
Trans1 Recv Date: 2012-02-01  
Trans2 Recv Date: 2012-02-01  
TSD Site Recv Date: 2012-02-07  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD083377010  
Waste Code: Not reported  
Quantity: 25.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 009375984JJK  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-09-21  
Trans1 Recv Date: 2012-09-21  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-09-26  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD083377010  
Waste Code: Not reported  
Quantity: 30.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: L Landfill.  
Specific Gravity: 1.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Year: 2012  
Manifest Tracking Num: 009633903JJK  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H121

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-09-21  
Trans1 Recv Date: 2012-09-21  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-09-26  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD068296839  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD083377010  
Waste Code: Not reported  
Quantity: 226.0  
Units: P - Pounds  
Number of Containers: 2.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 009633903JJK  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

[Click this hyperlink](#) while viewing on your computer to access  
73 additional NY\_MANIFEST: record(s) in the EDR Site Report.

SPILLS:  
Facility ID: 9807480  
Facility Type: ER  
DER Facility ID: 148750

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Site ID: 241702  
DEC Region: 2  
Spill Date: 9/17/1998  
Spill Number/Closed Date: 9807480 / 3/3/2003  
Spill Cause: Other  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
  
SWIS: 2401  
Investigator: TOMASELLO  
Referred To: Not reported  
Reported to Dept: 9/17/1998  
CID: 201  
Water Affected: Not reported  
Spill Source: Major Facility > 400,000 gal  
Spill Notifier: Fire Department  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 9/17/1998  
Spill Record Last Update: 5/12/2003  
Spiller Name: PHYLLIS HORATA  
Spiller Company: JOSEPH LOWENSTEIN INC  
Spiller Address: 420 MORGAN AV  
Spiller City,St,Zip: BROOKLYN, NY -  
Spiller Company: 001  
Contact Name: CALLER  
Contact Phone: Not reported  
DEC Memo: Not reported  
Remarks: FIRE AT LOCATION/THE DYS ARE 2 DIFFERENT TYPES/PDR AUBURN GRR #5 AND PDR DK BROWN RCC #5 - UNK AMOUNT ON THE DK BRO DYE AND THE SODIUM SILICATE/UNK AMOUNT WENT INTO STORM DRAIN DURING EXTINGUSIHMENT AND COOLING DOWN OF THE DRUMS/DEP WAS ON SCEEN REP WONG ON SCENE

**Material:**

Site ID: 241702  
Operable Unit ID: 1065046  
Operable Unit: 01  
Material ID: 318564  
Material Code: 0392A  
Material Name: SODIUM SILICATE  
Case No.: 01344098  
Material FA: Other  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False  
Site ID: 241702  
Operable Unit ID: 1065046  
Operable Unit: 01  
Material ID: 318563  
Material Code: 0048A  
Material Name: DYE  
Case No.: Not reported  
Material FA: Other

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Quantity: 525  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 1005972  
Facility Type: ER  
DER Facility ID: 394306  
Site ID: 439308  
DEC Region: 2  
Spill Date: 8/30/2010  
Spill Number/Closed Date: 1005972 / 9/13/2010  
Spill Cause: Equipment Failure  
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.

SWIS: 2401  
Investigator: smsanges  
Referred To: Not reported  
Reported to Dept: 8/30/2010  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: DEC  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 8/30/2010  
Spill Record Last Update: 9/13/2010  
Spiller Name: HASSAN HUSSEIN  
Spiller Company: JOSEPH LOWESTEIN AND SONS INC  
Spiller Address: 420 MORGAN AVE  
Spiller City,St,Zip: BROOKLYN, NY 11222  
Spiller Company: 999  
Contact Name: HASSAN HUSSEIN  
Contact Phone: (917) 371-4064  
DEC Memo: Material spilled is Lanolin (yellow waxy substance secreted by the sebaceous glands of wool-bearing animals. Most lanolin used by humans comes from domestic sheep)Not regulated by DEC

Remarks: Spill is a mixture of water and lanoline. It is in a secondary containment area.

Material:

Site ID: 439308  
Operable Unit ID: 1189953  
Operable Unit: 01  
Material ID: 2184914  
Material Code: 9999  
Material Name: Other - Lanoline  
Case No.: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Material FA: Other  
Quantity: 10  
Units: Gallons  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 9704884  
Facility Type: ER  
DER Facility ID: 148750  
Site ID: 177007  
DEC Region: 2  
Spill Date: 7/24/1997  
Spill Number/Closed Date: 9704884 / 8/16/2003  
Spill Cause: Equipment Failure  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: SIGONA  
Referred To: Not reported  
Reported to Dept: 7/24/1997  
CID: 205  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Federal Government  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 7/24/1997  
Spill Record Last Update: 8/18/2003  
Spiller Name: JOSEPH LOWENSTEIN  
Spiller Company: JOSEPH H LOWENSTEIN,INC.  
Spiller Address: 420 MORGAN AVENUE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Company: 001  
Contact Name: JOSEPH LOWENSTEIN  
Contact Phone: (718) 388-5410  
DEC Memo: Not reported  
Remarks: broken line in system.

Material:

Site ID: 177007  
Operable Unit ID: 1048278  
Operable Unit: 01  
Material ID: 334120  
Material Code: 0003A  
Material Name: #6 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 9911878  
Facility Type: ER  
DER Facility ID: 148750  
Site ID: 209408  
DEC Region: 2  
Spill Date: 1/12/2000  
Spill Number/Closed Date: 9911878 / 3/6/2007  
Spill Cause: Unknown  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 2401  
Investigator: HRPATEL  
Referred To: MOORE  
Reported to Dept: 1/12/2000  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 1/12/2000  
Spill Record Last Update: 3/6/2007  
Spiller Name: SAME  
Spiller Company: JOSEPH LOWENSTEIN & SONS  
Spiller Address: 420 MORGAN AVE  
Spiller City,St,Zip: BROOKLYN, NY 11222-  
Spiller Company: 001  
Contact Name: BILL MIKULA  
Contact Phone: (908) 686-5959  
DEC Memo:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "M TIBBE"12/05 - Additional groundwater and soil samples should be taken to determine if remediation needs to be performed. Samples taken as part of the UST Closure Report in 2000 indicate some exceedences. ~MaloneyAlbany review (above) - kamalone1/29/07 - Austin - Transferred from Albany assignment to Patel in R-2 office for further work - end03/06/07-Hiralkumar Patel.owner of property:Joe Lowe RealtyAttn.: Kay SternHS&E Manager420 Morgan AvenueBrooklyn, NY 11222PH. (718) 388-5140Fax (718) 387-3806email: kay@jhlowenstein.comabstract of Site Assessment report, submitted by Hudson environmental dated 02/14/00:- closure of two USTs: 1. 3000 gal Paraffin 105 oil, 2. 2800 gal Paraffin 240 oil- USTs abandoned (11/1999) in place after one year of tightness test (11/1998)- site is used by Lowenstein to manufacture hair and fur preparatory agents (i.e. dyes, soaps, tanning oils, etc.)- Lowenstein expanded into the adjacent buildings that were formerly occupied by AN AUTOMOBILE GARAGE, paint factory and foundry.- another spill reported on

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

JOSEPH LOWESTEIN AND SONS INC (Continued)

S104647880

07/24/97, fuel oil release from the fill piping associated with 3000 gal #2 oil UST (spill closed)- local groundwater flow direction is assumed to be towards the southwest toward the Newtown Creek and the English Kills- groundwater was not encountered to a depth of 19 ft below the concrete floor of the facility- interior visual inspection of the tanks revealed no evidence of corrosion or breach of the bottom, top, side or end walls of the tanks- three access holes were cut along the bottom centerline fo the cleaned tanks for soil samples (T1.1, T1.2 and T1.3 from under 3000 gal UST and T2.1, T2.2 and T2.3 from under 2800 gal UST)- soil samples were collected 0.5 ft below the tanks- three soil borings (B1 through B3) were adadvanced on 11/12/1999- boring depths ranged from 8 ft bg in B1 to 19 ft bg in B3- temporary well point was placed into the deepest soil boring B3- no measurable groundwater was detected in the temporary well point- no floating product was observed in teh temporary well point-----T1.1-----T1.2-----T1.3-----limit

(TCLP)  
ppbBenzene-----63-----52-----14Acen  
aphthene-----2,100-----830-----410-----400Benzo(a)  
anthracene-----100-----0.04Benzo(b)  
fluoranthene-----130-----0.  
04Fluorene-----2,900-----1,300-----1,  
000Naphthalene-----8,400-----3,  
200-----810-----200Phenanthrene-----6,100-----2,  
500-----1,000Pyrene-----1,  
400-----1,000-----Total Petroleum

Hydrocarbon (TPHC)  
ppbT1.1-----55,000,000T1.2-----63,000,000T1.  
3-----22,000,000T2.1-----2,400,000T2.2-----4,  
200,000T2.3-----6,500,000Note from report: Paraffin oil is not a petroleum product as defined under NYS PBS regulations parts 612 through 614 and are exempt under NYS CBS regulations from parts 595 through 598.report mentioned of three soil borings (B1 through B3), but no indication of any soil samples from these borings.PBS #: 2-010790discussed with DEC Austin. he mentioned that Paraffin oil is residual of petroleum product and is not regulated by PBS. he asked to compare TCLP values to "Soil cleanup objectoves to protect groundwater quality" in TAGM. if values below limit, he asked to close this case.comared all above TCLP values to groundwater quality standards. no exceedance found.case closed.

Remarks: THEY WERE DOING A IN PLACE CLOSURE ON THE SITE AND TOOK SAMPLES IN EARLY DECEMBER AND GOT THE RESULTS BACK THIS WEEK.THE SAMPLES VOLATAILES AND SEMI VOLATAILES IN THE DIRT.

Material:

Site ID: 209408  
Operable Unit ID: 1090576  
Operable Unit: 01  
Material ID: 297317  
Material Code: 0063A  
Material Name: UNKNOWN HAZARDOUS MATERIAL  
Case No.: Not reported  
Material FA: Hazardous Material  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH LOWESTEIN AND SONS INC (Continued)**

**S104647880**

Tank Test:

157  
SSW  
1/4-1/2  
0.383 mi.  
2024 ft.

**WILLIAMSBURG HOUSES  
125 STAGG WALK  
BROOKLYN, NY**

**NY LTANKS S102672842  
NY Spills N/A**

**Relative:  
Higher**

**LTANKS:**

**Actual:  
40 ft.**

Site ID: 204509  
Spill Number/Closed Date: 9811727 / 3/29/1999  
Spill Date: 12/17/1998  
Spill Cause: Tank Test Failure  
Spill Source: Private Dwelling  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: SACCACIO  
Referred To: Not reported  
Reported to Dept: 12/17/1998  
CID: 366  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 12/17/1998  
Spill Record Last Update: 3/29/1999  
Spiller Name: Not reported  
Spiller Company: NYC HOUSING AUTHORITY  
Spiller Address: 250 BROADWAY  
Spiller City,St,Zip: NEW YORK, NY 10007-  
001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 170013  
DEC Memo: Not reported  
Remarks: ISOLATE AND RETEST.

**Material:**

Site ID: 204509  
Operable Unit ID: 1072529  
Operable Unit: 01  
Material ID: 312013  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**S102672842**

Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 204509  
Spill Tank Test: 1546664  
Tank Number: 1  
Tank Size: 20000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

Site ID: 204507  
Spill Number/Closed Date: 9810259 / 1/8/2004  
Spill Date: 11/13/1998  
Spill Cause: Tank Test Failure  
Spill Source: Private Dwelling  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.

Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: SACCACIO  
Referred To: Not reported  
Reported to Dept: 11/13/1998  
CID: 252  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 11/13/1998  
Spill Record Last Update: 3/4/2005  
Spiller Name: PAUL GOLDSTEIN  
Spiller Company: NYC HOUSING AUTHORITY  
Spiller Address: 250 BROADWAY  
Spiller City,St,Zip: NEW YORK, NY 10007-  
Spiller County: 001  
Spiller Contact: PAUL GOLDSTEIN  
Spiller Phone: (212) 306-3233  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 170013  
DEC Memo: Not reported  
Remarks: TANKS TO BE EMPTIED AND INVESTIGATED

Material:

Site ID: 204507  
Operable Unit ID: 1071172  
Operable Unit: 01  
Material ID: 314127

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**S102672842**

Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 204507  
Spill Tank Test: 1546531  
Tank Number: 1  
Tank Size: 20000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

Site ID: 187018  
Spill Number/Closed Date: 9811227 / 12/2/2005  
Spill Date: 12/7/1998  
Spill Cause: Tank Test Failure  
Spill Source: Private Dwelling  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.

Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: SWKRASZE  
Referred To: Not reported  
Reported to Dept: 12/7/1998  
CID: 312  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 12/7/1998  
Spill Record Last Update: 12/2/2005  
Spiller Name: SEBASTIAN LOREFICE  
Spiller Company: NYC HOUSING AUTHORITY  
Spiller Address: 250 BROADWAY  
Spiller City,St,Zip: NEW YORK, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 170013  
DEC Memo: 12/02/05: This spill transferred from J.Kolleeny to  
S.Kraszewski.Closed to consolidate with open spill #0102133.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**S102672842**

Remarks: ISOLATE AND RETEST

Material:

Site ID: 187018  
Operable Unit ID: 1072088  
Operable Unit: 01  
Material ID: 315074  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 187018  
Spill Tank Test: 1546605  
Tank Number: 002  
Tank Size: 20000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

Site ID: 204508  
Spill Number/Closed Date: 9810261 / 1/8/2004  
Spill Date: 11/13/1998  
Spill Cause: Tank Test Failure  
Spill Source: Private Dwelling  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: JAKOLLEE  
Referred To: Not reported  
Reported to Dept: 11/13/1998  
CID: 252  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 11/13/1998  
Spill Record Last Update: 3/14/2005  
Spiller Name: PAUL GOLDSTEIN  
Spiller Company: NYC HOUSING AUTHORITY  
Spiller Address: 250 BROADWAY  
Spiller City,St,Zip: NEW YORK, NY 10007-

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**S102672842**

Spiller County: 001  
Spiller Contact: PAUL GOLDSTEIN  
Spiller Phone: (212) 306-3233  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 170013  
DEC Memo: Not reported  
Remarks: TANK TO BE EMPTIED AND INVESTIGATED.

Material:

Site ID: 204508  
Operable Unit ID: 1071175  
Operable Unit: 01  
Material ID: 314128  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 204508  
Spill Tank Test: 1546532  
Tank Number: 2  
Tank Size: 20000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

Site ID: 313516  
Spill Number/Closed Date: 0102133 / Not Reported  
Spill Date: 5/25/2001  
Spill Cause: Tank Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: jkkann  
Referred To: SITE STATUS RPT PENDING  
Reported to Dept: 5/25/2001  
CID: 211  
Water Affected: Not reported  
Spill Notifier: Other  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**S102672842**

Remediation Phase: 1  
Date Entered In Computer: 5/25/2001  
Spill Record Last Update: 2/6/2007  
Spiller Name: JOHN TOMKIN  
Spiller Company: NEW YORK CITY HOUSING AUT  
Spiller Address: 123 WILLIAMS  
Spiller City,St,Zip: NEW YORK, NY 10007-  
Spiller County: 001  
Spiller Contact: JOHN TOMKIN  
Spiller Phone: (718) 566-8960  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 170013  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "BREEN"11/09/05: Joel Rogers, P.E. from Gannett Fleming sent request letter dated June 23, 2005 for elvaluation of Site Investigation Work Plan dated Jan. 13, 2004. Jon sent approval for Site Investigation Work Plan on Feb. 4 2005 to NYCHA. I spoke with Joel, he never recieved approval letter possibly because Steve Saccacio from NYCHA transferred from his position around the time Jon submitted his approval. I spoke with Ralph Trocchio at NYCHA, he said he would look into it. - SKThis spill transferred from J.Kolleeny to S.Kraszewski.11/22/05: Message from Joel Rogers, says he still hasn't recieved approval for work plan. Faxed him copy of approval. - SK02/06/07 - J.Kann - site reassigned from S. Kraszewski to J.Kann.  
Remarks: CALLER DID TANK REMOVAL AND SOIL SAMPLE TAKEN SHOWED CONTAMINATION. See 9811727, 9810261, 9810259 and 9415279.

Material:  
Site ID: 313516  
Operable Unit ID: 840958  
Operable Unit: 01  
Material ID: 534258  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

SPILLS:  
Facility ID: 9415279  
Facility Type: ER  
DER Facility ID: 170013  
Site ID: 204506  
DEC Region: 2  
Spill Date: 2/22/1995  
Spill Number/Closed Date: 9415279 / 4/3/1995  
Spill Cause: Equipment Failure  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMSBURG HOUSES (Continued)**

**S102672842**

Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: HEALY  
Referred To: Not reported  
Reported to Dept: 2/22/1995  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Responsible Party  
Cleanup Ceased: 4/3/1995  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 2/22/1995  
Spill Record Last Update: 4/3/1995  
Spiller Name: Not reported  
Spiller Company: NYC HOUSING AUTHORITY  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Not reported  
Remarks: STEAM PRE-HEATER LEAKING FROM BROKEN VALVE. WINSTON TO CLEAN UP.

Material:  
Site ID: 204506  
Operable Unit ID: 1012595  
Operable Unit: 01  
Material ID: 370460  
Material Code: 0012A  
Material Name: Kerosene  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Not reported  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False  
Site ID: 204506  
Operable Unit ID: 1012595  
Operable Unit: 01  
Material ID: 370459  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 75  
Units: Gallons  
Recovered: 75  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AI158  
NE  
1/4-1/2  
0.392 mi.  
2069 ft.

ABANDONED BLDG  
430 MORGAN AVE  
BROOKLYN, NY  
Site 2 of 2 in cluster AI

NY LTANKS S105996244  
N/A

Relative:  
Lower

LTANKS:

Actual:  
32 ft.

Site ID: 331139  
Spill Number/Closed Date: 0203790 / 6/4/2003  
Spill Date: 7/10/2002  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: SMSANGES  
Referred To: Not reported  
Reported to Dept: 7/10/2002  
CID: 390  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 7/10/2002  
Spill Record Last Update: 6/4/2003  
Spiller Name: MATT  
Spiller Company: ABANDONED BLDG ,,,  
Spiller Address: 430 MORGAN AV  
Spiller City,St,Zip: BROOKLYN, ZZ  
Spiller County: 001  
Spiller Contact: MATT  
Spiller Phone: (631) 851-1600  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 266314  
DEC Memo:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"GCI Inc. submitted a report dated May 16, 2003 which details the removal of the subject tank. According to this report there was no sign of oil leakage and the only holes were in the vent line. Soil end point samples were taken from the bottom of the excavation and were Non Detect for 8021 and 8270. Excavation was back filled with packed sand.Spill closed  
Remarks: TANK FAILED TEST - NO PRODUCT SPILLAGE

Material:

Site ID: 331139  
Operable Unit ID: 854918  
Operable Unit: 01  
Material ID: 521602  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ABANDONED BLDG (Continued)**

**S105996244**

Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 331139  
Spill Tank Test: 1527269  
Tank Number: 001  
Tank Size: 1080  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

**AG159  
NW  
1/4-1/2  
0.397 mi.  
2098 ft.**

**68 RICHARDSON STREET  
68 RICHARDSON STREET  
BROOKLYN, NY  
Site 2 of 2 in cluster AG**

**NY LTANKS S100879125  
N/A**

**Relative:  
Lower**

**LTANKS:**

**Actual:  
15 ft.**

Site ID: 111528  
Spill Number/Closed Date: 9312569 / 6/11/2001  
Spill Date: 1/25/1994  
Spill Cause: Tank Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 2/26/2001  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: SMMARTIN  
Referred To: Not reported  
Reported to Dept: 1/25/1994  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Other  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 1/28/1994  
Spill Record Last Update: 9/4/2001  
Spiller Name: HARRY NADLER  
Spiller Company: BERNSTEIN REALTY  
Spiller Address: 855 6TH AVE  
Spiller City,St,Zip: NEW YORK, NY 10001-  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 97543  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

68 RICHARDSON STREET (Continued)

S100879125

Remarks: "MARTINKAT" CLOSURE LETTER DATED 7/30/2001. SMM  
AFTER TANK WAS CLEANED - OWNER FOUND RESIDUAL OIL PUMP PIT - CALLED  
BOB DECK, HE SAID THAT OIL SHOWED UP IN SUMP PIT OWNER ASKED TO SET  
UP TEMP. TANK (1080 GAL) AND CLEANED THE 2500 GAL UST. FOR INSPE

Material:

Site ID: 111528  
Operable Unit ID: 994568  
Operable Unit: 01  
Material ID: 387992  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

160  
NNW  
1/4-1/2  
0.402 mi.  
2123 ft.

UNITED AMBULETTE  
495 GRAHAM AVE  
BROOKLYN, NY

NY LTANKS S106737607  
N/A

Relative:  
Lower

LTANKS:

Site ID: 335249  
Spill Number/Closed Date: 0410348 / 5/3/2005  
Spill Date: 12/17/2004  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Possible release with minimal potential for fire or hazard or Known  
release with no damage. DEC Response. Willing Responsible Party.  
Corrective action taken.

Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: KMFOLEY  
Referred To: Not reported  
Reported to Dept: 12/17/2004  
CID: 444  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 12/17/2004  
Spill Record Last Update: 5/3/2005  
Spiller Name: BOB  
Spiller Company: BUSINESS  
Spiller Address: 495 GRAHAM AVE  
Spiller City, St, Zip: BROOKLYN, NY

Actual:  
18 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED AMBULETTE (Continued)**

**S106737607**

Spiller County: 001  
Spiller Contact: BOB  
Spiller Phone: (718) 234-0024  
Spiller Extension: Not reported  
DEC Region: 2  
DER Facility ID: 270469  
DEC Memo: 12/22/2004 - Sangesland - 4,000 gal gasoline tank - PBS #  
2-0691401/14/2005 TTF letter sent to:United Ambulette 2428 East 18th  
St, Brooklyn, NY 11222/22/05 Reassigned from Rommel to Foley. Spoke  
to Bob Arcaro, American. He will be submitting documentation and  
passing test results. No release to environment. 2/28/05 Received  
passing tightness test results for system. Bob Arcaro to submit  
affidavit.3/7/05 Received affidavit. Between 1/31/05 and 2/11/05,  
American Resource Technology excavated part of the tank system,  
isolated the tank and piping and the retested. All components tested  
tight but the condition of the cathodic protection isolating union on  
the stage 1 was worn and could have compromised the integrity of the  
line. There was no evidence of contamination in the excavation but  
the isolating unions were replaced on the stage 1 line, the suction  
line, the fill line and vent line as a preventative measure. On  
2/15/05, a tightness test of the tank system was performed with the  
piping still exposed and was witnessed by FDNY who had witnessed the  
tightness test failure on 12/17/04. The system tested tight.  
Remarks: RECOMMEND: GAS TANK HAS A WET LEAK: HAS BEEN REPORTED TO FIRE DEPT;

Material:

Site ID: 335249  
Operable Unit ID: 1097320  
Operable Unit: 01  
Material ID: 577305  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 335249  
Spill Tank Test: 1548407  
Tank Number: 1  
Tank Size: 4000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Watchdog  
Last Modified: 12/17/2004  
Test Method: Horner EZ Check I or II

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AH161**  
**ENE**  
**1/4-1/2**  
**0.404 mi.**  
**2131 ft.**

**MAGNUM BODY SHOP INC**  
**185A MASPETH AVE**  
**BROOKLYN, NY 11211**

**NY SWF/LF**    **S107785410**  
**N/A**

**Site 2 of 2 in cluster AH**

**Relative:**  
**Lower**

SWF/LF:  
 Flag: ACTIVE  
 Region Code: 2  
 Phone Number: 7183029792  
 Owner Name: Bart Buchman  
 Owner Type: Private  
 Owner Address: 185A Maspeth Ave  
 Owner Addr2: Not reported  
 Owner City,St,Zip: Brooklyn, NY 11211  
 Owner Email: bartautosmart@yahoo.com  
 Owner Phone: 7184153315  
 Contact Name: Not reported  
 Contact Address: Not reported  
 Contact Addr2: Not reported  
 Contact City,St,Zip: Not reported  
 Contact Email: Not reported  
 Contact Phone: Not reported  
 Activity Desc: Vehicle Dismantling  
 Activity Number: [7091251]  
 Active: Yes  
 East Coordinate: 589945  
 North Coordinate: 4507859  
 Accuracy Code: Not reported  
 Regulatory Status: Not reported  
 Waste Type: Not reported  
 Authorization #: Not reported  
 Authorization Date: Not reported  
 Expiration Date: Not reported

**Actual:**  
**18 ft.**

**162**  
**SW**  
**1/4-1/2**  
**0.404 mi.**  
**2131 ft.**

**555 GRAND STREET**  
**555 GRAND STREET**  
**BROOKLYN, NY 11211**

**NY BROWNFIELDS**    **S109942443**  
**NY E DESIGNATION**    **N/A**

**Relative:**  
**Lower**

BROWNFIELDS:  
 Program: BCP  
 Site Code: 489692  
 Site Description: Site Location: The site is located in the Williamsburg section of Brooklyn, Kings County. The site is approximately 100 feet west of the intersection of Grand Street and Lorimer Street on the north side of the Grand Street. Site Features: The site has approximately 25 feet of frontage on Grand Street and is .058 acres. It is currently developed with a three-story mixed use (residential and commercial) building with a basement which covers approximately 65 percent of the lot. The structure was built in 1887. Current Zoning and Land Use: The site is currently inactive (vacant), and is zoned for R7A residential with a C2-4 commercial overlay. The surrounding parcels are currently used for a combination of commercial and residential, and utility right-of-ways. Past Use of the Site: The site was most recently used as a dry cleaner between 1999 and 2013, and also had residential tenants on the second and third floor. Various retail stores operated on the property between 1934 and 1992. A Phase I Environmental Site Assessment was conducted in June 2013. A limited remedial

**Actual:**  
**29 ft.**

MAP FINDINGS

**555 GRAND STREET (Continued)**

**S109942443**

investigation was conducted in July through August 2013 which indicated high concentrations of PCE and TCE in the sub-slab vapor and indoor air. Site Geology and Hydrogeology: Subsurface soils at the site consist of a mixture of silty non-native fill, to a depth of approximately 2 feet below basement slab grade followed by sandy-silt to a depth of approximately 4 feet below basement slab grade. Groundwater depth is approximately 22.5 feet below the ground surface and is expected to flow northwest-toward the East River.

Env Problem: Nature and Extent of Contamination: Based upon the investigations conducted to date, the primary contaminant of concern for this site is tetrachloroethylene (PCE) and trichloroethene (TCE) in soil vapor. Soil Of the six soil samples collected at the site (to a depth of four feet below the basement slab) no volatile organic compounds (VOCs) were detected above the unrestricted use Soil Cleanup Objective (SCO). Very low concentrations of PCE (0.420 ppm) were detected in shallow soil (0-2 feet), however the concentration is below the unrestricted use SCO (for PCE which is 1.3 ppm). The following semi-volatile compounds (SVOCs) were detected at concentrations above Restricted Residential SCOs: benzo(a)anthracene (1.3 ppm), benzo(b)fluoranthene (1.3 ppm); in addition, chrysene (1.3 ppm) exceeded the Unrestricted Use SCO (UUSCO). Several metals were detected including arsenic (29.3 ppm), copper (790 ppm), lead (452 ppm) and mercury (2.72 ppm) at concentrations above RRSCOs. During early 2014 a supplemental soil investigation was conducted at the site. Seven soil borings were advanced down to 4 feet below the basement slab. PCE (0.0064 ppm) contamination detected only in one location. The concentration was well below the unrestricted use SCO. Groundwater There are no on-site groundwater monitoring wells, however data from an one inch monitoring well installed on the sidewalk in front of the property (to the south) detected very low concentration of PCE (1.3 ppb; NYSDEC groundwater quality standard for PCE is 5 ppb). Soil Vapor and Indoor Air - Elevated levels of PCE and trichloroethene (TCE) in soil vapor have been detected in the samples from on-site sub-slab soil vapor and indoor air samples. PCE and TCE concentrations in sub-slab soil vapor ranged from 7,730 ug/m<sup>3</sup> to 228,000 ug/m<sup>3</sup> and 84.8 ug/m<sup>3</sup> to 623 ug/m<sup>3</sup>, respectively. PCE concentrations in indoor air were detected at concentrations up to 6,230 ug/m<sup>3</sup> and TCE up to 13.7 ug/m<sup>3</sup>. Elevated levels of PCE (3,930 ug/m<sup>3</sup>) and some TCE (3.92 ug/m<sup>3</sup>) have also been detected in the ambient air sample collected in front of the site. The site represents a significant threat to the public health.

Health Problem: Direct contact with contaminants in the soil is unlikely because the majority of the site is covered with buildings and pavement. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. On-site soil vapor intrusion sampling has identified impacts to indoor air quality and actions to address exposure concerns are necessary in the event the building is re-occupied. The potential for soil vapor intrusion to occur in off-site buildings will be evaluated.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

555 GRAND STREET (Continued)

S109942443

E DESIGNATION:  
Tax Lot(s): 31  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 301  
Census Tract: 513  
Census Block: 1003  
School District: 14  
City Council District: 34  
Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C1-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C1-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: S2  
Land Use Category: 04  
Number of Easements: 0  
Owner, Type of Code: P  
Owner Name: BAE, KYOUNG IM  
Lot Area: 000002525  
Total Building Floor Area: 00000003375  
Commercial Floor Area: 00000001125  
Office Floor Area: 00000000000  
Retail Floor Area: 00000001125  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 003.00  
Residential Units: 00002  
Non and Residential Units: 00003  
Lot Frontage: 0025.25  
Lot Depth: 0100.00  
Building Frontage: 0025.00  
Building Depth: 0045.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000003000  
Total Assessed Value: 00000016440  
Land Exempt Value: 00000000000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**555 GRAND STREET (Continued)**

**S109942443**

Total Exempt Value: 00000000000  
Year Built: 1920  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.34  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027790031  
Condominium Number: 00000  
Census Tract 2: 0513  
X Coordinate: 0998294  
Y Coordinate: 0198447  
Zoning Map: 13B  
Sanborn Map: 304 021  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 31  
E-No: E-232  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP056K  
Ulurp Number: 090334ZMK  
Zoning Map No: 12c 13a 13b  
Description: Window Wall Attenuation & Alternate Ventilation  
Borough Code: BK  
Community District: 301  
Census Tract: 513  
Census Block: 1003  
School District: 14  
City Council District: 34  
Fire Company: E216  
Health Area: 30  
Police Precinct: 090  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C1-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C1-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: S2  
Land Use Category: 04

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

555 GRAND STREET (Continued)

S109942443

Number of Easements: 0  
Owner, Type of Code: P  
Owner Name: BAE, KYOUNG IM  
Lot Area: 000002525  
Total Building Floor Area: 0000003375  
Commercial Floor Area: 0000001125  
Office Floor Area: 0000000000  
Retail Floor Area: 0000001125  
Garage Floor Area: 0000000000  
Storage Floor Area: 0000000000  
Factory Floor Area: 0000000000  
Other Floor Area: 0000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 003.00  
Residential Units: 00002  
Non and Residential Units: 00003  
Lot Frontage: 0025.25  
Lot Depth: 0100.00  
Building Frontage: 0025.00  
Building Depth: 0045.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 0000003000  
Total Assessed Value: 0000016440  
Land Exempt Value: 0000000000  
Total Exempt Value: 0000000000  
Year Built: 1920  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.34  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3027790031  
Condominium Number: 00000  
Census Tract 2: 0513  
X Coordinate: 0998294  
Y Coordinate: 0198447  
Zoning Map: 13B  
Sanborn Map: 304 021  
Tax Map: 30906  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

<b>AJ163</b> <b>ENE</b> <b>1/4-1/2</b> <b>0.426 mi.</b> <b>2250 ft.</b>	<b>MS POWER INC</b> <b>187 MASPETH VE</b> <b>BROOKLYN, NY 11211</b>  <b>Site 1 of 2 in cluster AJ</b>	<b>NY SWF/LF</b>	<b>S108146009</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	<b>SWF/LF:</b> Flag: INACTIVE Region Code: 2
<b>Actual:</b> <b>16 ft.</b>	Phone Number: Not reported Owner Name: Not reported Owner Type: Not reported Owner Address: Not reported Owner Addr2: Not reported Owner City,St,Zip: Not reported Owner Email: Not reported Owner Phone: Not reported Contact Name: Not reported Contact Address: Not reported Contact Addr2: Not reported Contact City,St,Zip: Not reported Contact Email: Not reported Contact Phone: Not reported Activity Desc: Vehicle Dismantling Activity Number: Not reported Active: No East Coordinate: 589950 North Coordinate: 4507862 Accuracy Code: Not reported Regulatory Status: Not reported Waste Type: Not reported Authorization #: Not reported Authorization Date: Not reported Expiration Date: Not reported

<b>164</b> <b>ESE</b> <b>1/4-1/2</b> <b>0.430 mi.</b> <b>2272 ft.</b>	<b>345 TENYCK STREET</b> <b>345 TENYCK STREET</b> <b>BROOKLYN, NY</b>	<b>NY LTANKS</b>	<b>S102672003</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	<b>LTANKS:</b> Site ID: 300237 Spill Number/Closed Date: 9210082 / 12/1/1992
<b>Actual:</b> <b>19 ft.</b>	Spill Date: 12/1/1992 Spill Cause: Tank Overfill Spill Source: Commercial/Industrial Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  Cleanup Ceased: 12/1/1992 Cleanup Meets Standard: True SWIS: 2401 Investigator: CAMMISA Referred To: Not reported Reported to Dept: 12/1/1992 CID: Not reported Water Affected: Not reported Spill Notifier: Other Last Inspection: Not reported Recommended Penalty: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**345 TENYCK STREET (Continued)**

**S102672003**

UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 12/2/1992  
Spill Record Last Update: 12/2/1992  
Spiller Name: Not reported  
Spiller Company: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: \*\*\*Update\*\*\*, ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 242863  
DEC Memo: Not reported  
Remarks: FAULTY PETROMETER-OIL OUT FILL PIPE TO CONCRETE SIDEWALK-SPEEDI-DRI  
APPLIED-SPILL TEAM ENROUTE TO P/U AND DISPOSE

Material:

Site ID: 300237  
Operable Unit ID: 974178  
Operable Unit: 01  
Material ID: 407093  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 5  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

165  
West  
1/4-1/2  
0.433 mi.  
2284 ft.

**522 METROPOLITAN AVE**  
**522 METROPOLITAN AVE**  
**BROOKLYN, NY**

**NY LTANKS S102673301**  
**N/A**

**Relative:**  
**Lower**

LTANKS:

Site ID: 127377  
Spill Number/Closed Date: 9515443 / 2/24/2003  
Spill Date: 2/29/1996  
Spill Cause: Tank Overfill  
Spill Source: Private Dwelling  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: TOMASELLO  
Referred To: Not reported  
Reported to Dept: 3/1/1996  
CID: 357

**Actual:**  
**13 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**522 METROPOLITAN AVE (Continued)**

**S102673301**

Water Affected: Not reported  
 Spill Notifier: Local Agency  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 3/1/1996  
 Spill Record Last Update: 2/24/2003  
 Spiller Name: JACOB  
 Spiller Company: TERMINAL OIL COMPANY  
 Spiller Address: Not reported  
 Spiller City,St,Zip: ZZ  
 Spiller County: 001  
 Spiller Contact: MS CASTANO  
 Spiller Phone: (718) 782-4799  
 Spiller Extention: Not reported  
 DEC Region: 2  
 DER Facility ID: 110011  
 DEC Memo: Not reported  
 Remarks: TANK OVERFILL INTO SOIL - ALTERNATIVE PHONE # 718-330-3236 MR MUNZO

Material:

Site ID: 127377  
 Operable Unit ID: 1030089  
 Operable Unit: 01  
 Material ID: 569746  
 Material Code: 0001A  
 Material Name: #2 Fuel Oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: 300  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not reported  
 Oxygenate: False

Tank Test:

166  
 West  
 1/4-1/2  
 0.439 mi.  
 2320 ft.

**LOT 47,TAXBLOCK 2741  
 11 JACKSON STREET  
 BROOKLYN, NY 11211**

**NY BROWNFIELDS S108076630  
 NY E DESIGNATION N/A**

**Relative:  
 Lower**

**BROWNFIELDS:**

Program: BCP  
 Site Code: 483489

**Actual:  
 14 ft.**

Site Description: Location: The BCP site is located in the Williamsburg section of Brooklyn (Kings County) at 11 Jackson Street at the intersection with Meeker Avenue where it runs under the Brooklyn-Queens Expressway. Site Features: One one-story building covers the entire 0.20 acre site. Current Zoning and Land Use: The site is zoned R6-residential and is presently unoccupied. In 2005 the site was rezoned from M1-2 industrial to R6-Residential as part of the Greenpoint-Williamsburg Rezoning Action to provide opportunities for the development of residential uses on underutilized and vacant land and legalize

MAP FINDINGS

**LOT 47,TAXBLOCK 2741 (Continued)**

**S108076630**

existing non-conforming uses. Jackson Street intersects with Meeker Avenue at the southeast corner of the site. Meeker Avenue is a commercial corridor that runs under the Brooklyn-Queens Expressway. Immediately north and behind the site is a street of single family homes. Nearby, there is significant redevelopment that is occurring or has recently been completed that largely consists of multi-story, multi-unit residential buildings. Past Use of the Site: The site was first developed sometime prior to 1887 as three residential lots. Circa 1962 until about 1973, Driggs Plywood operated at the site. From the early 1950s through 2007 the three lots were combined as one and occupied by a building labeled lumber storage that encompassed the entire lot. Armmart Beer Distributors occupied a portion of the site in the late 1990s and Car Fashion Seat Covers operated on site in the 2000s. The building is currently vacant but was most recently occupied by a charter bus maintenance/repair garage in the western half of lot and a metal fabrication shop on the east. Site Geology and Hydrogeology: Subsurface soils at the site include a mixture of silty non-native fill to approximately 6 feet below grade followed by sandy-silt to approximately 10 feet below grade. Groundwater table at the site is approximately 8 feet below surface grade within the native silty-sand. Based upon regional contour maps groundwater flow is expected to be west toward the East River.

**Env Problem:**

Nature and Extent of Contamination: Nine soil samples to six feet below grade have been collected; the soil data show polycyclic aromatic hydrocarbons (PAHs) (in surface soil) and metals (in surface and subsurface soil) above restricted residential use SCOs at concentrations indicative of historic fill. No PCBs, pesticides or volatile organic compounds (VOCs) were observed in the soil samples collected. There are three monitoring wells at the site; one compound, bis(2-ethylhexyl)phthalate, was detected in groundwater just above its groundwater standard. Only one other semi-volatile organic compound (SVOC) and two VOCs (MTBE and PCE) were detected in groundwater, but at concentrations well below their respective standards. In the filtered groundwater samples analyzed for metals, only naturally occurring iron, sodium, magnesium and manganese were above standards. Various VOCs were detected in soil vapor. PCE and TCE were detected at maximum concentrations of 8,270 g/M3 and 12,300 g/M3, respectively. No off-site investigation work has been conducted yet. The on-site soil and groundwater data don't show evidence of significant contamination, but the elevated VOCs in soil vapor indicate the potential for an as-yet undetected source. Off-site soil vapor sampling will be performed in the future to determine the extent of contamination. The site presents a significant health threat due to the elevated PCE and TCE concentrations in soil vapor.

**Health Problem:**

Direct contact with contaminants in soil is unlikely because the entire site is covered with a building. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site redevelopment and occupancy. The potential for soil vapor intrusion to occur off-site needs to be evaluated.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 47,TAXBLOCK 2741 (Continued)**

**S108076630**

E DESIGNATION:  
Tax Lot(s): 47  
E-No: E-138  
Effective Date: 5/11/2005  
Satisfaction Date: Not reported  
Ceqr Number: 04DCP003K  
Ulurp Number: 050110 ZRK,050111 ZMK,050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK,  
050110(A)ZRK, 050111 (A)ZMK  
Zoning Map No: 12c, 12d, 13a, 13b  
Description: Underground Gasoline Storage Tanks\* Testing Protocol.  
Borough Code: BK  
Community District: 301  
Census Tract: 515  
Census Block: 1012  
School District: 14  
City Council District: 33  
Fire Company: E229  
Health Area: 30  
Police Precinct: 094  
Zone District 1: M1-2/R6  
Zone District 2: Not reported  
Commercial Overlay1: Not reported  
Commercial Overlay2: Not reported  
Special Purpose District1: MX-8  
Special Purpose District2: Not reported  
All Components1: M1-2/R6/MX-8  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: E9  
Land Use Category: 06  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: 11 JACKSON STREET LLC  
Lot Area: 000009360  
Total Building Floor Area: 0000009000  
Commercial Floor Area: 0000009000  
Office Floor Area: 0000000000  
Retail Floor Area: 0000009000  
Garage Floor Area: 0000000000  
Storage Floor Area: 0000000000  
Factory Floor Area: 0000000000  
Other Floor Area: 0000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00001  
Lot Frontage: 0072.17  
Lot Depth: 0130.00  
Building Frontage: 0072.00  
Building Depth: 0125.00  
Proximity Code: 3  
Irregular Lot Code: Y  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 0000054900  
Total Assessed Value: 00000186300

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 47,TAXBLOCK 2741 (Continued)**

**S108076630**

Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1950  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.96  
Maximum Allowable Far: 03.00  
Borough Code: 3  
Borough Tax Block And Lot: 3027410047  
Condominium Number: 00000  
Census Tract 2: 0515  
X Coordinate: 0997733  
Y Coordinate: 0200236  
Zoning Map: 13A  
Sanborn Map: 304 024  
Tax Map: 30905  
E Designation No: E-138  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

167  
SE  
1/4-1/2  
0.450 mi.  
2377 ft.

**APARTMENT BUILDING  
35 MEADOW STREET  
BROOKLYN, NY**

**NY LTANKS S107789405  
N/A**

**Relative:  
Lower**

**LTANKS:**

Site ID: 364030  
Spill Number/Closed Date: 0601731 / 8/29/2006  
Spill Date: 5/16/2006  
Spill Cause: Tank Test Failure  
Spill Source: Private Dwelling  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: HRPATEL  
Referred To: Not reported  
Reported to Dept: 5/16/2006  
CID: 408  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 5/16/2006

**Actual:  
20 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**APARTMENT BUILDING (Continued)**

**S107789405**

Spill Record Last Update: 8/29/2006  
Spiller Name: DEREK DENCKLA  
Spiller Company: APARTMENT BUILDING  
Spiller Address: 35 MEADOW STREET  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: DEREK DENCKLA  
Spiller Phone: (917) 674-9040  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 314232  
DEC Memo: 05/17/06-Hiralkumar Patel. Spoke to Jim at Protest. it was 1500 gal AST. tank was cleaned in past and doesn't have manhole. and Jim found dry leak and thinks it is from patch on top of tank. he hasn't find any oil stains on floor. he has send proposal to owner and planning to clean tank and to put manhole on tank. haven't found PBS number. Spoke to Derek. he is process of buying this property and gave current owner's name and number. Joseph Heimlich(718) 381-2405As per Derek, he has closing of this property on Jun 30 2006. once he will get property on his name, he will remove tank and system. owner is not using tank currently. asked him to send tank test results and letter signed by current owner and purchaser stating that they will remove tank after closing and tank is not in use currently by end of tomorrow. told Derek that as this tank is more than 1100 gal capacity, it has to be registered with PBS eventhought they are planning to remove it after Jun. Spoke to Joseph. as per him, he has turn off boiler and tank is not in use currently. tank has oil less than half of the volume. told Joseph that if Department receive letter from him and Derek, Department can wait till they remove tank. but tank has to registered with PBS now. send out letter with tank registration requirement. faxed to Joseph and Derek. Joseph Heimlich35 Meadow StreetBrooklyn, NY 11206FAX (718) 381-287505/19/06-Hiralkumar Patel. Received letter from Joseph and Derek. abstract:- owner is selling property and property is set to close on or about July 30, 2006.- heating season is over and boiler is currently turned off and will remain turned off through contract closing date- based on tank test, owner has cancelled all scheduled oil deliveries and suspended oil delivery service until further notice.08/01/06-Hiralkumar Patel. spoke with Derek. he is no longer in process of buying this property. spoke with Joseph. owner has removed oil, clean tank and sealed it back. he didn't do any isolation test or system test after tank cleaning. asked Joseph to do system test again. he will call ABC tank for further testing.08/02/06-Hiralkumar Patel. received call from Robert from ABC Tank. they will do system test probably next week. Robert will call once he gets test result.08/29/06-Hiralkumar Patel. spoke with Donna at ABC Tank. they have changed rubber gasket on tank. she doesn't have any information about system test. she will check and call back. received call from Donna. she got test result and will fax it. got passing system test in fax. tank is registered now. PBS#: 2-610289based on available informations, case closed.  
Remarks: Not reported

Material:  
Site ID: 364030  
Operable Unit ID: 1122083  
Operable Unit: 01  
Material ID: 2111568

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

APARTMENT BUILDING (Continued)

S107789405

Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

168  
ESE  
1/4-1/2  
0.453 mi.  
2392 ft.

DURITE S&V & MAINT. CORP.  
250 MORGAN AVE  
BROOKLYN, NY 11237

NY SWF/LF S105841904  
N/A

Relative:  
Lower

SWF/LF:  
Flag: INACTIVE  
Region Code: 2  
Phone Number: 7184177271  
Owner Name: Not reported  
Owner Type: Not reported  
Owner Address: Not reported  
Owner Addr2: Not reported  
Owner City,St,Zip: Not reported  
Owner Email: Not reported  
Owner Phone: Not reported  
Contact Name: STEVE RUSSEL; OWNER  
Contact Address: Not reported  
Contact Addr2: Not reported  
Contact City,St,Zip: Not reported  
Contact Email: Not reported  
Contact Phone: Not reported  
Activity Desc: C&D processing - registration  
Activity Number: [24W67]  
Active: No  
East Coordinate: 589000  
North Coordinate: 4507200  
Accuracy Code: Not reported  
Regulatory Status: Permit  
Waste Type: Not reported  
Authorization #: 2-6104-00016  
Authorization Date: 05/21/1991  
Expiration Date: 05/31/1996

Actual:  
16 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

169  
NNE  
1/4-1/2  
0.458 mi.  
2419 ft.

**ALBERTS PLATING WORKS BEADEL SITE**  
**32 BEADEL ST**  
**BROOKLYN, NY 11222**

**RCRA NonGen / NLR**  
**FINDS**  
**NY LTANKS**  
**NY MANIFEST**

**1001127924**  
**NYR000035345**

**Relative:**  
**Higher**

RCRA NonGen / NLR:

**Actual:**  
**39 ft.**

Date form received by agency: 01/01/2007  
Facility name: ALBERTS PLATING WORKS BEADEL SITE  
Facility address: 32 BEADEL ST  
BROOKLYN, NY 11225112  
EPA ID: NYR000035345  
Mailing address: DIVISION PL  
BROOKLYN, NY 11222  
Contact: Not reported  
Contact address: DIVISION PL  
BROOKLYN, NY 11222  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 02  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: 42 DIVISION PLACE REALTY CO INC  
Owner/operator address: 50 DIVISION PL  
BROOKLYN, NY 11222  
Owner/operator country: US  
Owner/operator telephone: (718) 387-8460  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: 42 DIVISION PLACE REALTY CO INC  
Owner/operator address: 50 DIVISION PL  
BROOKLYN, NY 11222  
Owner/operator country: US  
Owner/operator telephone: (718) 387-8460  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTS PLATING WORKS BEADEL SITE (Continued)**

**1001127924**

Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Site name: ALBERTS PLATING WORKS BEADEL SITE  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Site name: ALBERTS PLATING WORKS BEADEL SITE  
Classification: Not a generator, verified

Date form received by agency: 05/11/1998  
Site name: ALBERTS PLATING WORKS IN DIP  
Classification: Large Quantity Generator

Date form received by agency: 02/07/1997  
Site name: ALBERTS PLATING WORKS BEADEL SITE  
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 09/01/1998  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

FINDS:

Registry ID: 110004532186

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LTANKS:

Site ID: 356241  
Spill Number/Closed Date: 0510292 / 1/25/2006  
Spill Date: 11/30/2005  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: JMKRIMGO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTS PLATING WORKS BEADEL SITE (Continued)**

**1001127924**

Referred To: Not reported  
Reported to Dept: 11/30/2005  
CID: 408  
Water Affected: Not reported  
Spill Notifier: Fire Department  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 11/30/2005  
Spill Record Last Update: 1/25/2006  
Spiller Name: MARLON JOSEPH  
Spiller Company: BUSINESS  
Spiller Address: 32 BEADEL STREET  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: MARLON JOSEPH  
Spiller Phone: (646) 772-7949  
Spiller Extension: Not reported  
DEC Region: 2  
DER Facility ID: 306301  
DEC Memo: TTF Ltr sent to:Alberts Plating Works Inc.32 Beadel StBrooklyn, NY  
11222Attn: Super/Facility Manager 1/12/06. J.Krimgold reviewed the  
letter-report dated January 9, 2006 and submitted by Middleton  
Environmental, Inc (631-321-4349). The report stats that the tank  
(UST) failed the test due to the leak in the ullage and that three  
soil samples taken beneath the tank do not show contaminant  
concentration above NYSDEC TAGM levels. It also suggests that the  
spill case can be closed once documentation for UST closure submitted  
to the Department. This report was not approved by the Department due  
to the lack of the following information:Soil samples location  
(lateral and vertical).Soil sampling at the fill port and along the  
fill line.Boring logs.Scaled site map.1/25/06. J.Krimgold reviewed a  
letter report dated January 25, 2006 and submitted by  
PTC,Ltd.According to the report, the perforations of the tank shell  
was found at the top of the tank. Samples were taken through the tank  
bottom and did not show contaminant above TAGM levels. NFA letter.  
Remarks: ABOVE LIQUID LEAK.

**Material:**

Site ID: 356241  
Operable Unit ID: 1113553  
Operable Unit: 01  
Material ID: 2103617  
Material Code: 0003A  
Material Name: #6 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTS PLATING WORKS BEADEL SITE (Continued)**

**1001127924**

NY MANIFEST:

EPA ID: NYR000035345  
Country: USA

Mailing Info:

Name: ALBERTS PLATING WORKS BEADEL  
Contact: ALFRED DAGOSTINO  
Address: 50 DIVISION PL  
City/State/Zip: BROOKLYN, NY 11222  
Country: USA  
Phone: 718-387-8460

Document ID: NYG0121401  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: Not reported  
Trans2 State ID: Not reported  
Generator Ship Date: 970221  
Trans1 Recv Date: 970221  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 970221  
Part A Recv Date: Not reported  
Part B Recv Date: 970317  
Generator EPA ID: NYR000035345  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDf ID: NYD981182769  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 05600  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 97

AJ170  
ENE  
1/4-1/2  
0.466 mi.  
2459 ft.

**COOPER TANK AND WELDING CORP.  
222 MASPETH AVENUE  
BROOKLYN, NY 11211**

**NY SWF/LF S107783541  
NY HIST AST N/A  
NY Financial Assurance**

**Site 2 of 2 in cluster AJ**

Relative:  
Lower

SWF/LF:

Flag: ACTIVE  
Region Code: 2  
Phone Number: 7183847727  
Owner Name: Adrienne Cooper  
Owner Type: Private  
Owner Address: 215 Moore Street  
Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11206  
Owner Email: Not reported  
Owner Phone: 7184974431  
Contact Name: Ray Kvedaras  
Contact Address: Not reported  
Contact Addr2: Not reported  
Contact City,St,Zip: Not reported  
Contact Email: rkvedaras@coopertank.com

Actual:  
15 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COOPER TANK AND WELDING CORP. (Continued)**

**S107783541**

Contact Phone: 7183847727  
Activity Desc: C&D processing - permit  
Activity Number: [24W21]  
Active: Yes  
East Coordinate: 590021  
North Coordinate: 4507910  
Accuracy Code: Not reported  
Regulatory Status: Permit  
Waste Type: Construction & Demolition Debris  
Authorization #: 2-6101-00061/00001  
Authorization Date: 02/17/2011  
Expiration Date: 02/17/2016

**HIST AST:**

PBS Number: 2-604500  
SWIS Code: 6101  
Operator: RAY KVEDARAS  
Facility Phone: (718) 384-7727  
Facility Addr2: Not reported  
Facility Type: OTHER  
Emergency: MICHAEL LITWIN  
Emergency Tel: (718) 497-4431  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: COOPER TANK & WELDING CORP.  
Owner Address: 222 MASPETH AVE.  
Owner City,St,Zip: BROOKLYN, NY 11211  
Federal ID: Not reported  
Owner Tel: (718) 384-7727  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Contact: RAY KVEDARAS  
Mailing Name: COOPER TANK & WELDING CORP.  
Mailing Address: 222 MASPETH AVE.  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11211  
Mailing Telephone: (718) 384-7727  
Owner Mark: First Owner  
Facility Status: 4 - Subpart 360-14 only (active)  
Certification Flag: False  
Certification Date: 05/15/2000  
Expiration: 05/08/2005  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 275  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: No Missing Data  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**COOPER TANK AND WELDING CORP. (Continued)**

**S107783541**

Tank ID: 001  
 Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE  
 Tank Status: In Service  
 Install Date: Not reported  
 Capacity (Gal): 275  
 Product Stored: USED OIL  
 Tank Type: Steel/carbon steel  
 Tank Internal: 0  
 Tank External: 1  
 Pipe Location: Aboveground  
 Pipe Type: STEEL/IRON  
 Pipe Internal: None  
 Pipe External: 1  
 Tank Containment: Excavation/Tranch Liner  
 Leak Detection: 0  
 Overfill Protection: 5  
 Dispenser Method: Gravity  
 Date Tested: Not reported  
 Next Test Date: Not reported  
 Missing Data for Tank: No Missing Data  
 Date Closed: Not reported  
 Test Method: Not reported  
 Deleted: False  
 Updated: True  
 SPDES Number: Not reported  
 Lat/Long: Not reported

NY Financial Assurance 1:

Owner Name: Adrienne Cooper  
 Region: 2  
 Estimate Type: Closure Estimate  
 Estimate Amount: \$355,000  
 Estimate Date: 03/01/2001  
 Mechanism: Surety bond - Performance  
 Mechanism Amount: \$355,000  
 Activity Number: 24W21  
 Activity Description: C&D processing - permit

171  
 NE  
 1/4-1/2  
 0.466 mi.  
 2459 ft.

**FORMER KLINK COSMO CLEANERS**  
**364 RICHARDSON STREET**  
**BROOKLYN, NY 11222**

**NY SHWS S109416412**  
**N/A**

**Relative:**  
**Lower**

SHWS:

Program: HW  
 Site Code: 405851  
 Classification: Significant threat to the public health or environment - action required.

**Actual:**  
**38 ft.**

Region: 2  
 Acres: 1.080  
 HW Code: 224130  
 Record Add: 10/28/2008  
 Record Upd: 03/26/2014  
 Updated By: JAMORAS

Site Description: Location: The site is located in the Greenpoint/East Williamsburg Industrial Area section of Kings County (Borough of Brooklyn, New

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER KLINK COSMO CLEANERS (Continued)**

**S109416412**

York City). The site is located on the southwest corner of the intersection of Vandervoort Avenue and Richardson Street. Site Features: The site is completely covered by a one-story brick building. Numerous other commercial and industrial properties are located to the north, south, and west of the site. The Greenpoint Little League fields and a National Grid energy facility are east of the site across Vandervoort Avenue. A small residential area is located 1-2 blocks north of the site. An eastbound on-ramp to the Brooklyn-Queens Expressway (I-278) is located 4 blocks to the north. Current Zoning/Use(s): The site is zoned for manufacturing. The site is currently used for sheet metal fabrication. Historical Use(s): The Department began a Site Characterization in this area during the Spring of 2007 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular location was specifically targeted for investigation based on interviews with multiple residents indicating the sites former usage as a commercial dry cleaner from the 1950's to the mid 1990's (including one former employee), and a Department database which lists the cleaners as a generator of F002 waste (spent halogenated solvents). This investigation was conducted in several phases, and was completed in the Summer of 2009. Site Geology and Hydrogeology: The site is underlain by a fill unit (0.5-8' thick), a sand/silty sand unit (~100' thick), a discontinuous clay/silt unit (~1-10' thick) within the sand/silty sand unit, a sand and gravel unit (~1-3' thick), and the Raritan Formation (located 108-113' below ground surface). Groundwater is approximately 24-50' below ground surface in the vicinity of the site. Groundwater flows north to northeast toward Newtown Creek, which lies approximately 3,000' northeast of the site. Nature and Extent of Contamination: - Groundwater The primary contaminant of concern at the site is tetrachloroethene (PCE). PCE has been found in shallow groundwater at concentrations up to 46,000 ppb, which is well above the Part 703.5 class GA standard of 5 ppb. PCE has also been found in very deep groundwater (atop the Raritan clay) at 4,500 ppb. The plume of PCE-contaminated groundwater has migrated at least 1,200' downgradient of the site. - Soil Vapor PCE has been found in soil vapor beneath the site at concentrations up to 48,200,000 ug/m<sup>3</sup>. TCE has been found at concentrations up to 230,000 ug/m<sup>3</sup>. Significant Threat: The site poses a significant environmental threat due to ongoing releases of PCE from source areas into soil and groundwater.

Env Problem:

Health Problem: Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses are supplied with public water and contaminants are below the ground surface. Since the possibility exists for vapors from site-related chemicals to migrate into nearby homes and businesses, soil vapor intrusion sampling will continue in the area and data evaluated as they become available.

Dump: False  
Structure: True  
Lagoon: False  
Landfill: False  
Pond: False  
Disp Start: Not reported  
Disp Term: Not reported  
Lat/Long: Not reported  
Dell: Not reported  
Record Add: 10/28/2008 12:21:00 PM  
Record Upd: 10/29/2013 11:18:00 AM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER KLINK COSMO CLEANERS (Continued)**

**S109416412**

Updated By: Idennist  
Own Op: Document Repository  
Sub Type: C01  
Owner Name: Not reported  
Owner Company: Brooklyn Community Board #1  
Owner Address: 435 Graham Avenue  
Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11222  
Owner Country: United States of America  
Own Op: Owner  
Sub Type: 01  
Owner Name: PAVLOVICH & COMPANY  
Owner Company: PAVLOVICH & COMPANY  
Owner Address: 460 MORGAN AVENUE  
Owner Addr2: Not reported  
Owner City,St,Zip: BROOKLYN, NY 11222-5706  
Owner Country: United States of America  
Own Op: On-Site Operator  
Sub Type: 08  
Owner Name: Not reported  
Owner Company: AWL Industries  
Owner Address: 364 Richardson Street  
Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11222  
Owner Country: United States of America  
Own Op: Document Repository  
Sub Type: C04  
Owner Name: Not reported  
Owner Company: Brooklyn Public Library - Greenpoint Branch  
Owner Address: 107 Norman Avenue  
Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11222  
Owner Country: United States of America  
HW Code: 224130  
Waste Type: TETRACHLOROETHYLENE (PCE)  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
Crossref ID: 224121  
Cross Ref Type Code: 02  
Cross Ref Type: HW Site ID  
Record Added Date: 8/26/2009 4:51:00 PM  
Record Updated: 8/26/2009 4:51:00 PM  
Updated By: dkharrin  
Crossref ID: 224129  
Cross Ref Type Code: 02  
Cross Ref Type: HW Site ID  
Record Added Date: 10/31/2008 2:34:00 PM  
Record Updated: 10/31/2008 2:34:00 PM  
Updated By: MOBARRIE  
Crossref ID: 224131  
Cross Ref Type Code: 02  
Cross Ref Type: HW Site ID  
Record Added Date: 10/31/2008 2:41:00 PM  
Record Updated: 10/31/2008 2:41:00 PM  
Updated By: MOBARRIE  
Crossref ID: 224132  
Cross Ref Type Code: 02

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER KLINK COSMO CLEANERS (Continued)**

**S109416412**

Cross Ref Type: HW Site ID  
Record Added Date: 10/31/2008 2:41:00 PM  
Record Updated: 10/31/2008 2:41:00 PM  
Updated By: MOBARRIE

172  
SSE  
1/4-1/2  
0.471 mi.  
2488 ft.

**SPILL NUMBER 0003338**  
**232 MESROLE ST**  
**BROOKLYN, NY**

**NY LTANKS S104621153**  
**N/A**

**Relative:**  
**Higher**

**LTANKS:**

**Actual:**  
**42 ft.**

Site ID: 202905  
Spill Number/Closed Date: 0003338 / 4/10/2003  
Spill Date: 6/17/2000  
Spill Cause: Tank Overfill  
Spill Source: Private Dwelling  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: MCTIBBE  
Referred To: Not reported  
Reported to Dept: 6/17/2000  
CID: 281  
Water Affected: Not reported  
Spill Notifier: Local Agency  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 6/17/2000  
Spill Record Last Update: 4/10/2003  
Spiller Name: Not reported  
Spiller Company: UNKNOWN  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ -  
Spiller County: 001  
Spiller Contact: ZOLA BAILEY  
Spiller Phone: (718) 595-6700  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 168762  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE" HANDLED BY DEP AND FDNY.  
Remarks: TANK OVERFILL AT ABOVE LOCATION. FIRE DEPT ON SCENE. ATTEMPTS ARE BEING MADE TO DETERMINE THE OIL COMPANY RESPONSIBLE. NO CALL BACK BEING REQUESTED AT TIME OF CALL.

**Material:**

Site ID: 202905  
Operable Unit ID: 824732  
Operable Unit: 01  
Material ID: 551660  
Material Code: 0001A  
Material Name: #2 Fuel Oil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPILL NUMBER 0003338 (Continued)**

**S104621153**

Case No.: Not reported  
Material FA: Petroleum  
Quantity: 50  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

173  
East  
1/4-1/2  
0.485 mi.  
2561 ft.

**GREEN HILL**  
**2 REWE ST & 300 VANDERVOO**  
**BROOKLYN, NY**

**NY LTANKS S105999093**  
**N/A**

**Relative:**  
**Lower**

**LTANKS:**

**Actual:**  
**9 ft.**

Site ID: 191858  
Spill Number/Closed Date: 0302094 / 1/31/2006  
Spill Date: 5/29/2003  
Spill Cause: Tank Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: JXZHAO  
Referred To: Not reported  
Reported to Dept: 5/29/2003  
CID: 297  
Water Affected: Not reported  
Spill Notifier: Other  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 5/29/2003  
Spill Record Last Update: 1/31/2006  
Spiller Name: ALBERT CHAN  
Spiller Company: Not reported  
Spiller Address: 2 REWE ST & 300 VANDERVOO  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: ALBERT CHAN  
Spiller Phone: (718) 963-2800  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 160009  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ZHAO"Sangesland DDO Zhao is assigned because consultant dealt with her on this site. Contaminated soil letter was sent to:Consultant is: Andrew Drotleff of TRC Raviv Assoc (973-564-6006 x285) 57 East Willow St., Millburn, NJ 07041 Site is a corner lot with 2 addresses: (2 Rewe St & 300 Vandervoort) PBS 2-608764Two tanks are being abandoned in place (3,000 gal and 2,000)One tank had pin holes in it and water

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREEN HILL (Continued)**

**S105999093**

poured in from raised water table. The second tank appeared OK, but had some oil odor from the soil in the piping area.10/31/2005 - JZ: Zhao spoke with Andrew Drotleff, TRC. Recently took GW samples from 3 wells. Sesults are favorable and look clean. Report will be send in end November.1/31/2006 - JZ: Report was submitted and reviewed. spill is closed.

Remarks: CALLERS COMPANY PERFORMING A TANK CLOSURE AND CONTAMINATED SOIL WAS DISCOVERED AROUND 2 TANKS

Material:

Site ID: 191858  
Operable Unit ID: 870003  
Operable Unit: 01  
Material ID: 506579  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False  
Site ID: 191858  
Operable Unit ID: 870003  
Operable Unit: 01  
Material ID: 506580  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

174  
ENE  
1/4-1/2  
0.486 mi.  
2564 ft.

**EQUITY WORKS**  
**MASPETH AND VANDERVORT AVES.**  
**BROOKLYN, NY 11211**

**EDR MGP 1008407885**  
**N/A**

Relative:  
Lower

Manufactured Gas Plants:  
No additional information available

Actual:  
15 ft.

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**175**  
**West**  
**1/4-1/2**  
**0.489 mi.**  
**2582 ft.**

**CLOSED-LACKOF RECENT INFO**  
**275 NORTH 8TH ST.**  
**NEW YORK CITY, NY**

**NY LTANKS**    **S104275493**  
**N/A**

**Relative:**  
**Lower**

**LTANKS:**

Site ID: 176330  
 Spill Number/Closed Date: 8706710 / 3/4/2003  
 Spill Date: 11/6/1987  
 Spill Cause: Tank Test Failure  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Cleanup Ceased: Not reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: ADMIN. CLOSED  
 Referred To: Not reported  
 Reported to Dept: 11/6/1987  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Tank Tester  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 11/16/1987  
 Spill Record Last Update: 3/4/2003  
 Spiller Name: Not reported  
 Spiller Company: OUR LADY OF MT. CARMEL  
 Spiller Address: 275 NORTH 8TH ST.  
 Spiller City,St,Zip: BROOKLYN, NY  
 Spiller County: 001  
 Spiller Contact: Not reported  
 Spiller Phone: Not reported  
 Spiller Extention: Not reported  
 DEC Region: 2  
 DER Facility ID: 148202  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ADMIN.CLOSED"03/04/2003-Closed Due To The Nature / Extent Of The Spill Report

**Remarks:** 5K TANK FAILED WITH A HIGH VOLUME LEAK, WILL EXCAVATE, ISOLATE, AND RETEST. CONTACT: FR. CASSARO (718) 384-0223. CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

**Material:**

Site ID: 176330  
 Operable Unit ID: 910418  
 Operable Unit: 01  
 Material ID: 465713  
 Material Code: 0001A  
 Material Name: #2 Fuel Oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: -1  
 Units: Pounds  
 Recovered: No  
 Resource Affected: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLOSED-LACKOF RECENT INFO (Continued)**

**S104275493**

Oxygenate: False

Tank Test:  
Site ID: 176330  
Spill Tank Test: 1532195  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

176  
SSE  
1/4-1/2  
0.489 mi.  
2584 ft.

**SPILL NUMBER 0300112**  
**1-7 BUSHWICK PLACE**  
**BROOKLYN, NY**

**NY LTANKS S105998592**  
**NY Spills N/A**

**Relative:**  
**Lower**

**LTANKS:**  
Site ID: 80495  
Spill Number/Closed Date: 0300112 / 3/24/2004  
Spill Date: 4/2/2003  
Spill Cause: Tank Test Failure  
Spill Source: Private Dwelling  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**Actual:**  
**38 ft.**

Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: SMSANGES  
Referred To: Not reported  
Reported to Dept: 4/3/2003  
CID: 205  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 4/3/2003  
Spill Record Last Update: 3/24/2004  
Spiller Name: BRUCE FIFFER  
Spiller Company: 1-7 BUSHWICK PL  
Spiller Address: 1-7 BUSHWICK PL  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: CALLER  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 172718  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"Cross Ref Spill #0311991CALLED BRUCE FEFFER, WHO CONFIRMED TANK TEST FAILURE. REQUEST TANK TEST FAILURE LETTER BE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPILL NUMBER 0300112 (Continued)**

**S105998592**

ADDRESSED TO HIM, AT 61 BROADWAY SUITE # 1050 NEW YORK, NY 10006. Called Marc Ricciardi, who confirm tank test failure. However could not say whether tank is registered. Did give on-site contact person as Steffen, # (516) 790-5535. Tank Test failure letter was sent to BRUCE FEFFER, ON 4/3/2003. P. This tank is UNREGISTERED. Application Form was sent, so that tank can be REGISTERED. E.R. 10/15/2003 Charlie Schmidgall of Aggressive Envir. 5,000 gal Tank will be pulled within 60 days and DEC asked for 4 sidewall and 2 bottom samples. 3/24/2004 Sangesland spoke to Carla Weinpahl of ERM (212-447-1900) She said the client dropped Aggressive Environmental and switched over to ERM in late January 2004. Ms. Weinpahl stated that Aggressive had pulled the tank, did one round of samples, pulled more soil and did another round of samples. Results show some exceedences of PAH (SVOCs), but the argument is made that this is consistent with industrial fill in this part of Brooklyn. The DEC reviewed these numbers and compared them to the RSCO values on TAGM 4046. Based on this information and the present site use, the spill number 0300112 associated with the petroleum spill from the tank is closed out. Spill number 0311991 was associated with contamination found in another portion of the property. Organic Compounds identified as Chlorinated Solvents and Pesticides were found in sample R3656. Based on DEC Policy, the property owner and/or their consultant is directed to the state Brownfield Program. "Not a spill report - property owner and/or consultant is referred to the Brownfield Cleanup Program website for further information in having the DEC review the results from this site investigation" See [www.dec.state.ny.us/website/der/bcp/](http://www.dec.state.ny.us/website/der/bcp/)  
Not reported

Remarks:

Material:

Site ID: 80495  
Operable Unit ID: 868416  
Operable Unit: 01  
Material ID: 508188  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 80495  
Spill Tank Test: 1528229  
Tank Number: 1  
Tank Size: 5000  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPILL NUMBER 0300112 (Continued)**

**S105998592**

**SPILLS:**

Facility ID: 0311991  
Facility Type: ER  
DER Facility ID: 172718  
Site ID: 208165  
DEC Region: 2  
Spill Date: 1/26/2004  
Spill Number/Closed Date: 0311991 / 3/24/2004  
Spill Cause: Unknown  
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.

**SWIS:** 2401

Investigator: SMSANGES  
Referred To: Not reported  
Reported to Dept: 1/26/2004  
CID: 403  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 1/26/2004  
Spill Record Last Update: 3/24/2004  
Spiller Name: Not reported  
Spiller Company: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: \*\*\*Update\*\*\*, ZZ  
Spiller Company: 001  
Contact Name: BRUCE FEFFER  
Contact Phone: (212) 269-7343  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"1/26/2004 Sangesland spoke to Charlie Schmidgall of Aggressive Environmental. There was a tank on one side of the property that failed a tank test (see spill #0300112). This tank was registered and then pulled.After tank pull, minor oil contamination was found and removed.New problem appears to be heavy pesticides & solvents found in endpoints. 253 tons of soil have been pulled.PERC is present along with a hit for Dichlorobenzene (28,000ppb)There is no history of dry cleaners at/near the site, also no history of solvents.Sangesland spoke to Austin who said that there may have been a lab mixup. He suggested that another round of samples may be appropriate. This message was left on Aggressive Environmental's answering machine. 3/24/2004 Sangesland spoke to Carla Weinpahl of ERM (212-447-1900) She said the client dropped Aggressive Environmental and switched over to ERM in late January 2004. Ms. Weinpahl stated that Aggressive had pulled the tank, did one round of samples, pulled more soil and did another round of samples. Results show some exceedences of PAH (SVOCs), but the argument is made that this is consistant with industrial fill in this part of Brooklyn. The DEC reviewed these numbers and compared them to the RSCO values on TAGM 4046. Based on this information and the present site use, the spill number 0300112 associated with the petroleum spill from the

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPILL NUMBER 0300112 (Continued)**

**S105998592**

Remarks: tank is closed out. Spill number 0311991 was associated with contamination found in another portion of the property. Organic Compounds identified as Chlorinated Solvents and Pesticides were found in sample R3656. Based on DEC Policy, the property owner and/or their consultant is directed to the state Brownfield Program: "Not a spill report - property owner and/or consultant is referred to the Brownfield Cleanup Program website for further information in having the DEC review the results from this site investigation" See: [www.dec.state.ny.us/website/der/bcp/](http://www.dec.state.ny.us/website/der/bcp/)  
an unknown amount of pesticides and solvents spilled. none of it has been cleaned up. it was detected in the stars soil sample laboratory narrative.

Material:

Site ID: 208165  
Operable Unit ID: 877222  
Operable Unit: 01  
Material ID: 497228  
Material Code: 0057A  
Material Name: PESTICIDES  
Case No.: Not reported  
Material FA: Other  
Quantity: 0  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False  
Site ID: 208165  
Operable Unit ID: 877222  
Operable Unit: 01  
Material ID: 497229  
Material Code: 0059A  
Material Name: SOLVENTS  
Case No.: Not reported  
Material FA: Other  
Quantity: 0  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

177  
South  
1/4-1/2  
0.495 mi.  
2611 ft.

**MOST HOLY TRINITY RESIDENCE**  
**157 GRAHAM AVE**  
**BROOKLYN, NY 11211**

**NY LTANKS U001839612**  
**NY UST N/A**  
**NY HIST UST**

Relative:  
Lower

LTANKS:

Site ID: 131344  
Spill Number/Closed Date: 0306650 / 8/25/2006  
Spill Date: 9/23/2003  
Spill Cause: Tank Test Failure  
Spill Source: Private Dwelling  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:  
29 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOST HOLY TRINITY RESIDENCE (Continued)**

**U001839612**

Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: LXZIELIN  
Referred To: Not reported  
Reported to Dept: 9/23/2003  
CID: 252  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 9/23/2003  
Spill Record Last Update: 2/14/2007  
Spiller Name: JUAN PEREZ  
Spiller Company: CARING COMMUNITIES  
Spiller Address: 157 GRAHAM AVE  
Spiller City,St,Zip: BROOKLYN, ZZ  
Spiller County: 001  
Spiller Contact: JUAN PEREZ  
Spiller Phone: (718) 963-3955  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 17030  
DEC Memo: 08/25/06 - ZielinskiThe drawing has been received and photos indicating filling lines and vent lines. They run in the basement above a concrete floor. Thew case is closed.8/17/06 - ZielinskiSteven Tsevdos called and said that they have only two 257-gallon tanks on the site. The drawing depicting the location of the closed tank and pipe lines would be sent to DEC. 8/17/06 - ZielinskiReceived soil samples' analyses taken 3 feet below tha tank bottom--no indication of soil contamination (eDOCs). Jim Donelan of Protest faxed a tank test report-- it had been a dry leak. Left a message for Steven Tsevdos, Caring Communities manager, asking for a layout of the failed tank and a number of tanks in service since the subject tank had been closed, and no records of registered tanks at the site.7/17/06 - ZielinskiSent a letter requesting that within three weeks of receipt of this letter, Caring Communities would submit a report, required by the department's letter of September 24, 2003. This letter provides that the Caring Communities must submit soil sample analyses, an explanation of tank failure, and remowe contaminated soil. 7/13/06 - ZielinskiTook photos of at the site. No indication of soil boring. Talked to Mr. Perez- superintendent. Left a note to Mr. Alonso requesting soil sampling results.7/6/06 - ZielinskiSpoke with Gustavo Alonso, the manager of Caring Communites. Asked him to sent all documents related to the spill. That same day, he faxed a DEC letter of 09/24/03 requesting a report and an affidavit; a proposal of work to be done, submitted by Petroleum Tank Cleaners, dated 11/21/03; an affidavit from Mercury Tank & Pump Inc., dated 4/9/04.Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ZHAO"9/24/03 DDO Sawyer sent tank test failure letter to:Juan Perez157 Graham Ave.Brooklyn, NY 1120610/3/05: CBNCalled Juan Perez and was told that the spill has been taken care of. Requested documentation/report for spill closure. Manager will get back to DEC on that.  
Remarks: RECOMMEND TO EXCAVATE-ISOLATE- AND RE-TEST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOST HOLY TRINITY RESIDENCE (Continued)**

**U001839612**

Material:

Site ID: 131344  
Operable Unit ID: 875397  
Operable Unit: 01  
Material ID: 503846  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 131344  
Spill Tank Test: 1528699  
Tank Number: 1  
Tank Size: 5000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

UST:

Id/Status: 2-347760 / Unregulated/Closed  
Program Type: PBS  
Region: STATE  
DEC Region: 2  
Expiration Date: 04/19/2008  
UTM X: 589301.56730999995  
UTM Y: 4506768.7647500001  
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 17054  
Affiliation Type: Facility Owner  
Company Name: CARING COMMUNITIES ASSOCIATES HDFO  
Contact Type: ASSOCIATE DIRECTOR  
Contact Name: GEORGE STATHOUDAKIS  
Address1: 191 JORALEMON STREET, 8TH FLOOR  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11201  
Country Code: 001  
Phone: (718) 722-6138  
EMail: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 3/3/2005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOST HOLY TRINITY RESIDENCE (Continued)**

**U001839612**

Site Id: 17054  
Affiliation Type: Mail Contact  
Company Name: CARING COMMUNITIES ASSOCIATES HDFC  
Contact Type: Not reported  
Contact Name: GEORGE STATHOUDAKIS  
Address1: 191 JORALEMON STREET,  
Address2: 8TH FLOOR  
City: BROOKLYN  
State: NY  
Zip Code: 11201  
Country Code: 001  
Phone: (718) 722-6138  
EMail: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 3/3/2005

Site Id: 17054  
Affiliation Type: On-Site Operator  
Company Name: MOST HOLY TRINITY RESIDENCE  
Contact Type: Not reported  
Contact Name: JUAN PEREZ  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 963-3957  
EMail: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 3/3/2005

Site Id: 17054  
Affiliation Type: Emergency Contact  
Company Name: CARING COMMUNITIES ASSOCIATES HDFC  
Contact Type: Not reported  
Contact Name: JUAN PEREZ  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (917) 219-4989  
EMail: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 3/3/2005

Tank Info:

Tank Number: 001  
Tank ID: 33195  
Tank Status: Closed - In Place  
Material Name: Closed - In Place

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOST HOLY TRINITY RESIDENCE (Continued)**

**U001839612**

Capacity Gallons: 5000  
Install Date: Not reported  
Date Tank Closed: 03/25/2004  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03  
Date Test: 10/01/1998  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: KXTANG  
Last Modified: 03/03/2005

Equipment Records:

A00 - Tank Internal Protection - None  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
B00 - Tank External Protection - None  
I00 - Overfill - None  
H00 - Tank Leak Detection - None

HIST UST:

PBS Number: 2-347760  
SPDES Number: Not reported  
Emergency Contact: CHARLES GANLEY  
Emergency Telephone: (917) 866-4480  
Operator: JUAN PEREZ  
Operator Telephone: (718) 963-3955  
Owner Name: CARING COMMUNITIES HDFC, INC.  
Owner Address: 191 JORALEMON STREET  
Owner City,St,Zip: BROOKLYN, NY 11201  
Owner Telephone: (718) 722-6000  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Name: CARING COMMUNITIES HDFC, INC.  
Mailing Address: 157 GRAHAM AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11206  
Mailing Contact: Not reported  
Mailing Telephone: (718) 963-3957  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
Facility Addr2: 157 GRAHAM AVE  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: APARTMENT BUILDING  
Inspected Date: Not reported  
Inspector: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOST HOLY TRINITY RESIDENCE (Continued)**

**U001839612**

Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: 12/21/1998  
Expiration Date: 04/19/2003  
Renew Flag: False  
Renewal Date: Not reported  
Total Capacity: 5000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2

Tank Id: 001  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (gals): 5000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Not reported  
Pipe Internal: Not reported  
Pipe External: Not reported  
Second Containment: None  
Leak Detection: None  
Overfill Prot: Not reported  
Dispenser: Suction  
Date Tested: 10/01/1998  
Next Test Date: 10/01/2003  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Horner EZ Check  
Deleted: False  
Updated: True  
Lat/long: Not reported

178  
ESE  
1/4-1/2  
0.497 mi.  
2622 ft.

**EASTERN TRANSFER OF NY; INC ( N.Y. MATER  
222 MORGAN AVE  
BROOKLYN, NY 11237**

**NY SWF/LF S103592538  
NY LTANKS N/A**

**Relative:  
Lower**

SWF/LF:  
Flag: INACTIVE  
Region Code: 2  
Phone Number: 7184973100  
Owner Name: Not reported  
Owner Type: Not reported  
Owner Address: Not reported

**Actual:  
14 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EASTERN TRANSFER OF NY; INC ( N.Y. MATER (Continued)**

**S103592538**

Owner Addr2: Not reported  
Owner City,St,Zip: Not reported  
Owner Email: Not reported  
Owner Phone: Not reported  
Contact Name: LOUIS D'AMBROSIO  
Contact Address: Not reported  
Contact Addr2: Not reported  
Contact City,St,Zip: Not reported  
Contact Email: Not reported  
Contact Phone: Not reported  
Activity Desc: Transfer station - permit  
Activity Number: [24T76]  
Active: No  
East Coordinate: 590116  
North Coordinate: 4507117  
Accuracy Code: Not reported  
Regulatory Status: Not reported  
Waste Type: Not reported  
Authorization #: 2-6104-00097  
Authorization Date: Not reported  
Expiration Date: Not reported

Flag: INACTIVE  
Region Code: 2  
Phone Number: 7184973100  
Owner Name: Not reported  
Owner Type: Not reported  
Owner Address: Not reported  
Owner Addr2: Not reported  
Owner City,St,Zip: Not reported  
Owner Email: Not reported  
Owner Phone: Not reported  
Contact Name: LOUIS D'AMBROSIO  
Contact Address: Not reported  
Contact Addr2: Not reported  
Contact City,St,Zip: Not reported  
Contact Email: Not reported  
Contact Phone: Not reported  
Activity Desc: C&D processing - registration  
Activity Number: [24W76]  
Active: No  
East Coordinate: 590116  
North Coordinate: 4507117  
Accuracy Code: Not reported  
Regulatory Status: Not reported  
Waste Type: Not reported  
Authorization #: 2-6104-00097  
Authorization Date: Not reported  
Expiration Date: Not reported

**LTANKS:**

Site ID: 302888  
Spill Number/Closed Date: 0009585 / 8/28/2003  
Spill Date: 11/21/2000  
Spill Cause: Tank Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EASTERN TRANSFER OF NY; INC ( N.Y. MATER (Continued)**

**S103592538**

Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: SIGONA  
Referred To: Not reported  
Reported to Dept: 11/21/2000  
CID: 205  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 11/21/2000  
Spill Record Last Update: 8/28/2003  
Spiller Name: JAMES JULIANO, PROP MGR  
Spiller Company: QUATTRO PROPERTIES, LLC  
Spiller Address: 213-19 99TH AVENUE  
Spiller City,St,Zip: QUEENS VILLAGE, NY 11429-001  
Spiller County:  
Spiller Contact: CALLER  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 244717  
DEC Memo: Not reported  
Remarks: CALLER PULLED TANK AND FOUND CONTAMINATED SOIL.WOULD LIKE A CALL FROM DEC 11-21-00 TIS STRANGE BUT R. SPADALIK IS NO LONGER AT F&N WHEN I CALLED THE TEL#AND EXT,THATS WHAT THE PERSON AT THAT TEL#SAID ROBERT.L  
Not reported

Material:  
Site ID: 302888  
Operable Unit ID: 830684  
Operable Unit: 01  
Material ID: 543525  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 302889  
Spill Number/Closed Date: 9312206 / 1/17/1994  
Spill Date: 1/17/1994  
Spill Cause: Tank Overfill  
Spill Source: Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EASTERN TRANSFER OF NY; INC ( N.Y. MATER (Continued)**

**S103592538**

Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 1/17/1994  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: SIGONA  
Referred To: Not reported  
Reported to Dept: 1/17/1994  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Fire Department  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 1/20/1994  
Spill Record Last Update: 8/28/2003  
Spiller Name: Not reported  
Spiller Company: 222 MORGAN AVENUE  
Spiller Address: 222 MORGAN AVENUE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 244717  
DEC Memo: Not reported  
Remarks: FIRE @ PLANT NOTIFIED DEP, UNK. ACTIONS. 11/18 UPDATE ROBERT KEPICH / DEP 595-6777 / 50-60 GAL DIESEL HYDRAULIC NO CALL BACK. 100PM SPOKE TO ENZO HE SAID FIRE DIESEL HYDRAULIC OIL P/U DISPOSE INDRUM

Material:

Site ID: 302889  
Operable Unit ID: 990817  
Operable Unit: 01  
Material ID: 391198  
Material Code: 0022  
Material Name: Waste Oil/Used Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 20  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

179  
NNW  
1/2-1  
0.525 mi.  
2773 ft.

**BERKMAN BROS INC**  
**ECKFORD ST**  
**BROOKLYN, NY 11222**

**RCRA-CESQG**  
**NY SHWS**  
**NY LTANKS**  
**NY MANIFEST**  
**NY CBS**

1000271415  
NYD001236017

**Relative:**  
**Lower**

RCRA-CESQG:

**Actual:**  
**17 ft.**

Date form received by agency: 01/01/2007  
Facility name: BERKMAN BROS INC  
Facility address: ECKFORD ST  
BROOKLYN, NY 11222  
EPA ID: NYD001236017  
Mailing address: MEADOW ST  
BROOKLYN, NY 11206  
Contact: GERALD R BERKMAN  
Contact address: MEADOW ST  
BROOKLYN, NY 11206  
Contact country: US  
Contact telephone: (718) 782-1827  
Contact email: Not reported  
EPA Region: 02  
Land type: Private  
Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: GERALD R BERKMAN  
Owner/operator address: LEE AVE STE 287  
BROOKLYN, NY 11211  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 07/29/1976  
Owner/Op end date: Not reported  
  
Owner/operator name: BLUE DIAMOND DEV CORP  
Owner/operator address: LEE AVE STE 287  
BROOKLYN, NY 11211  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 09/15/2003  
Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BERKMAN BROS INC (Continued)**

**1000271415**

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Site name: BERKMAN BROS INC  
Classification: Small Quantity Generator

Date form received by agency: 02/18/2004  
Site name: BERKMAN BROS INC  
Classification: Not a generator, verified

Date form received by agency: 01/01/2001  
Site name: BERMAN BROS INC  
Classification: Large Quantity Generator

Date form received by agency: 07/14/1999  
Site name: BERKMAN BROS INC  
Classification: Small Quantity Generator

Date form received by agency: 07/28/1980  
Site name: BERKMAN BROS INC  
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 08/23/1989  
Date achieved compliance: 08/21/1990  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/16/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 09/14/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BERKMAN BROS INC (Continued)**

**1000271415**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/19/1999  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Evaluation date: 08/23/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 08/21/1990  
Evaluation lead agency: State

Evaluation date: 12/23/1986  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

**SHWS:**

Program: HW  
Site Code: 470590  
Classification: P  
Region: 2  
Acres: .234  
HW Code: 224168  
Record Add: 10/30/2012  
Record Upd: 10/30/2012  
Updated By: BXANDERS

Site Description: Site was referred to DER by the NYCOER due to elevated concentrations of arsenic in on-site surficial soil. No additional information is available at this time.

Env Problem: Additional investigation will be needed in order to define the nature and extend of the contamination.

Health Problem: As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns.

Dump: Not reported  
Structure: Not reported  
Lagoon: Not reported  
Landfill: Not reported  
Pond: Not reported  
Disp Start: Not reported  
Disp Term: Not reported  
Lat/Long: Not reported  
Dell: Not reported  
Record Add: Not reported  
Record Upd: Not reported  
Updated By: Not reported  
Own Op: Owner  
Sub Type: E  
Owner Name: Not reported  
Owner Company: Eckford - Greenpoint LLC  
Owner Address: 55 Eckford Street

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BERKMAN BROS INC (Continued)**

1000271415

Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11222  
Owner Country: United States of America  
HW Code: Not reported  
Waste Type: Not reported  
Waste Quantity: Not reported  
Waste Code: Not reported  
Crossref ID: Not reported  
Cross Ref Type Code: Not reported  
Cross Ref Type: Not reported  
Record Added Date: Not reported  
Record Updated: Not reported  
Updated By: Not reported

**LTANKS:**

Site ID: 107414  
Spill Number/Closed Date: 9214462 / 3/31/1993  
Spill Date: 3/26/1993  
Spill Cause: Tank Overfill  
Spill Source: Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 3/31/1993  
Cleanup Meets Standard: True  
SWIS: 2401  
Investigator: KSTANG  
Referred To: Not reported  
Reported to Dept: 3/31/1993  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Local Agency  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 4/1/1993  
Spill Record Last Update: 9/30/2004  
Spiller Name: Not reported  
Spiller Company: MYSTIC FUEL CO.  
Spiller Address: 1902 STEINWAY ST.  
Spiller City,St,Zip: L.I.C., NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 94484  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"  
Remarks: MYSTIC CLEANED SPILL WITH SPEEDI-DRI, PICK UP AND DISPOSED.

**Material:**

Site ID: 107414  
Operable Unit ID: 981754  
Operable Unit: 01  
Material ID: 400668

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BERKMAN BROS INC (Continued)**

1000271415

Material Code: 0003A  
Material Name: #6 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**NY MANIFEST:**

EPA ID: NYD001236017  
Country: USA

**Mailing Info:**

Name: BERKMAN BROS  
Contact: BERKMAN BROS  
Address: 85 MEADOW STREET  
City/State/Zip: BROOKLYN, NY 11206  
Country: USA  
Phone: 718-782-1827

Document ID: NJA1326996  
Manifest Status: Completed copy  
Trans1 State ID: NJDEPS869  
Trans2 State ID: Not reported  
Generator Ship Date: 920121  
Trans1 Recv Date: 920121  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920129  
Part A Recv Date: 920130  
Part B Recv Date: 920210  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NJD002182897  
Waste Code: F005 - UNKNOWN  
Quantity: 00384  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: MIA2579230  
Manifest Status: Completed copy  
Trans1 State ID: NJXK81XX  
Trans2 State ID: NJXK81XX  
Generator Ship Date: 920226  
Trans1 Recv Date: 920226  
Trans2 Recv Date: 920226

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BERKMAN BROS INC (Continued)**

**1000271415**

TSD Site Recv Date: 920227  
Part A Recv Date: 920306  
Part B Recv Date: 920316  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: NJD054126164  
Trans2 EPA ID: NJD054126164  
TSD ID: MID098011992  
Waste Code: F008 - PLAT SLDG FM BTM PLAT BATH OPER CYANIDE.  
Quantity: 00487  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00419  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 92

Document ID: MIA7001766  
Manifest Status: Not reported  
Trans1 State ID: NJD986607380  
Trans2 State ID: Not reported  
Generator Ship Date: 04/07/1999  
Trans1 Recv Date: 04/07/1999  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 04/21/1999  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: MID098011992  
Trans2 EPA ID: Not reported  
TSD ID: Not reported  
Waste Code: P121 - ZINC CYANIDE  
Quantity: 02500  
Units: P - Pounds  
Number of Containers: 005  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 99

Document ID: NYG0891999  
Manifest Status: Not reported  
Trans1 State ID: NYF006000053  
Trans2 State ID: Not reported  
Generator Ship Date: 07/24/2001  
Trans1 Recv Date: 07/24/2001  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 07/25/2001  
Part A Recv Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BERKMAN BROS INC (Continued)**

**1000271415**

Part B Recv Date: Not reported  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: CDD980756415  
Trans2 EPA ID: Not reported  
TSD ID: RP73463PQ  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 02500  
Units: P - Pounds  
Number of Containers: 005  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2001

Document ID: MIA1654360  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: NYJA-203  
Trans2 State ID: NJDEPS103  
Generator Ship Date: 900508  
Trans1 Recv Date: 900509  
Trans2 Recv Date: 900514  
TSD Site Recv Date: 900516  
Part A Recv Date: 900622  
Part B Recv Date: 900703  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: NJD981873664  
Trans2 EPA ID: NJD981873664  
TSD ID: MID098011992  
Waste Code: F008 - PLAT SLDG FM BTM PLAT BATH OPER CYANIDE.  
Quantity: 04500  
Units: P - Pounds  
Number of Containers: 006  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 90

Document ID: NJA0818620  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: 000000000  
Trans2 State ID: 000000000  
Generator Ship Date: 900323  
Trans1 Recv Date: 900323  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 900328  
Part A Recv Date: 900419  
Part B Recv Date: 900411  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NJD002182897  
Waste Code: F005 - UNKNOWN  
Quantity: 00384  
Units: P - Pounds  
Number of Containers: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BERKMAN BROS INC (Continued)**

1000271415

Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 90

Document ID: NJA0724693  
Manifest Status: Completed copy  
Trans1 State ID: NJDEPS869  
Trans2 State ID: NJDEPS869  
Generator Ship Date: 900104  
Trans1 Recv Date: 900104  
Trans2 Recv Date: 900108  
TSD Site Recv Date: 900109  
Part A Recv Date: 900112  
Part B Recv Date: 900123  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: ILD051060408  
TSD ID: NJD002182897  
Waste Code: F005 - UNKNOWN  
Quantity: 00384  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 90

Document ID: NYG2628405  
Manifest Status: Not reported  
Trans1 State ID: NYF006000053  
Trans2 State ID: Not reported  
Generator Ship Date: 09/23/2002  
Trans1 Recv Date: 09/23/2002  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 09/24/2002  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: CDD980756415  
Trans2 EPA ID: Not reported  
TSD ID: RP52906PQ  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 28004  
Units: P - Pounds  
Number of Containers: 001  
Container Type: CM - Metal boxes, cases, roll-offs  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2002

Document ID: NYG2628576  
Manifest Status: Not reported  
Trans1 State ID: NYF006000053

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BERKMAN BROS INC (Continued)**

**1000271415**

Trans2 State ID: Not reported  
Generator Ship Date: 02/08/2002  
Trans1 Recv Date: 02/08/2002  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 02/08/2002  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: CDD980756415  
Trans2 EPA ID: Not reported  
TSD ID: RP73457QC  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 02500  
Units: P - Pounds  
Number of Containers: 005  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2002

Document ID: NJA0906939  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: 000000000  
Trans2 State ID: 000000000  
Generator Ship Date: 900627  
Trans1 Recv Date: 900627  
Trans2 Recv Date: 900628  
TSD Site Recv Date: 900628  
Part A Recv Date: 900828  
Part B Recv Date: 900716  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: ILD051060408  
TSD ID: NJD002182897  
Waste Code: F005 - UNKNOWN  
Quantity: 00320  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 90

Document ID: MIA2780694  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: NJDEPS226  
Trans2 State ID: Not reported  
Generator Ship Date: 930729  
Trans1 Recv Date: 930729  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 930809  
Part A Recv Date: 930810  
Part B Recv Date: 930825  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: NJD054126164

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BERKMAN BROS INC (Continued)**

1000271415

Trans2 EPA ID: Not reported  
TSDF ID: MID096963194  
Waste Code: D004 - ARSENIC 5.0 MG/L TCLP  
Quantity: 00500  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 93

Document ID: MIA9026399  
Manifest Status: Not reported  
Trans1 State ID: NJD054126164  
Trans2 State ID: Not reported  
Generator Ship Date: 12/22/2003  
Trans1 Recv Date: 12/22/2003  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 12/29/2003  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: MID980991566  
Trans2 EPA ID: Not reported  
TSDF ID: 0440465ME  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 00220  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 004  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Waste Code: F006 - WW TREAT SL FM ELECTROPLATING OPER  
Quantity: 00880  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 016  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Waste Code: D009 - MERCURY 0.2 MG/L TCLP  
Quantity: 00605  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 011  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2003

Document ID: NJA0985680  
Manifest Status: Completed copy  
Trans1 State ID: NJDEPS869  
Trans2 State ID: NJDEPS869  
Generator Ship Date: 910219  
Trans1 Recv Date: 910219  
Trans2 Recv Date: 910220

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BERKMAN BROS INC (Continued)**

**1000271415**

TSD Site Recv Date: 910221  
Part A Recv Date: 910312  
Part B Recv Date: 910307  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: ILD051060408  
TSD ID: NJD002182897  
Waste Code: F005 - UNKNOWN  
Quantity: 00384  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 91

Document ID: NJA4077061  
Manifest Status: Not reported  
Trans1 State ID: NJD054126164  
Trans2 State ID: Not reported  
Generator Ship Date: 12/10/2003  
Trans1 Recv Date: 12/10/2003  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 12/10/2003  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: NJD002385730  
Trans2 EPA ID: Not reported  
TSD ID: S2265  
Waste Code: F006 - WW TREAT SL FM ELECTROPLATING OPER  
Quantity: 03032  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2003

Document ID: NYG0852138  
Manifest Status: Not reported  
Trans1 State ID: CDX0000FA094  
Trans2 State ID: Not reported  
Generator Ship Date: 03/15/2000  
Trans1 Recv Date: 03/15/2000  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 03/16/2000  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: CDD980756415  
Trans2 EPA ID: Not reported  
TSD ID: RM73079PQ  
Waste Code: P121 - ZINC CYANIDE  
Quantity: 02500

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BERKMAN BROS INC (Continued)**

**1000271415**

Units: P - Pounds  
Number of Containers: 005  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2000

Document ID: NYG3571191  
Manifest Status: Not reported  
Trans1 State ID: NYF006000053  
Trans2 State ID: Not reported  
Generator Ship Date: 06/02/2003  
Trans1 Recv Date: 06/02/2003  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 06/03/2003  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: CDD980756415  
Trans2 EPA ID: Not reported  
TSDF ID: RP52906PA  
Waste Code: F007 - PLATING BATH SOL FM ELECTROPLATING OPER  
Quantity: 28047  
Units: P - Pounds  
Number of Containers: 001  
Container Type: CM - Metal boxes, cases, roll-offs  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2003

Document ID: NYG3199959  
Manifest Status: Not reported  
Trans1 State ID: NJD054126164  
Trans2 State ID: Not reported  
Generator Ship Date: 12/11/2003  
Trans1 Recv Date: 12/11/2003  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 12/16/2003  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: CDD980756415  
Trans2 EPA ID: Not reported  
TSDF ID: AA395E  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 31267  
Units: P - Pounds  
Number of Containers: 001  
Container Type: CM - Metal boxes, cases, roll-offs  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2003

Document ID: NYG3199968

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BERKMAN BROS INC (Continued)**

**1000271415**

Manifest Status: Not reported  
Trans1 State ID: NJD054126164  
Trans2 State ID: Not reported  
Generator Ship Date: 12/19/2003  
Trans1 Recv Date: 12/19/2003  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 01/05/2004  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: CDD980756415  
Trans2 EPA ID: Not reported  
TSDF ID: 0440464ME  
Waste Code: P121 - ZINC CYANIDE  
Quantity: 01150  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 023  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2003

Document ID: MIA4497247  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: NYJA334  
Trans2 State ID: Not reported  
Generator Ship Date: 971024  
Trans1 Recv Date: 971024  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 980107  
Part A Recv Date: 971114  
Part B Recv Date: 980209  
Generator EPA ID: NYD001236017  
Trans1 EPA ID: NJD986607380  
Trans2 EPA ID: Not reported  
TSDF ID: MID098011992  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 02500  
Units: P - Pounds  
Number of Containers: 005  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 97

CBS:  
CBS Number: 2-000058  
Program Type: CBS  
Facility Status: Unregulated  
Expiration Date: Not reported  
Dec Region: 2  
UTMX: 588840.22131000  
UTMY: 4508396.6102499

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

EDR ID Number  
 EPA ID Number

**180**  
**West**  
**1/2-1**  
**0.526 mi.**  
**2775 ft.**

**BQE/ANSBACHER COLOR & DYE FACTORY**  
**MEEKER AVENUE**  
**BROOKLYN, NY**

**NY SHWS**    **S106780917**  
**N/A**

**Relative:**  
**Lower**

SHWS:

Program:            HW  
 Site Code:        55913  
 Classification:    Does not present a significant threat to the public health or the environment - action may be deferred.

**Actual:**  
**15 ft.**

Region:            2  
 Acres:             .600  
 HW Code:         224016  
 Record Add:      11/18/1999  
 Record Upd:      01/11/2008  
 Updated By:      JAAVERSA

Site Description:    This site lies underneath the elevated Brooklyn - Queens Expressway (I-278) along Meeker Avenue between Metropolitan and Union Avenues in the Williamsburg Section of Brooklyn. It is believed that during the construction of the BQE, waste material and debris from the former Ansbacher Color & Dye Factory may have been used as fill material in the project area. A Phase II - type investigation was conducted by the New York State Department of Transportation in 1988. The investigation found hazardous levels of arsenic and lead in the soil and elevated levels of arsenic, lead and cyanide in the groundwater. During the reconstruction of the BQE in the early 1990s, the NYS DOT completed an IRM (soil removal) within the project's right-of way. The remaining contaminated soil is located beneath asphalt and concrete. A Preliminary Site Assessment was completed during the summer of 1999 to evaluate the areas outside the BQE footprint. The sampling results indicate that the subsurface soils within the footprint of the former Ansbacher Plant contain elevated levels of arsenic, lead, and mercury. The groundwater in this area is also contaminated with these metals, but the contaminated groundwater has not migrated significantly beyond the footprint of the former factory. Not reported

Env Problem:        The primary contaminants of concern at this site are arsenic, lead, mercury and cyanide. Investigations indicate that the subsurface soils within the footprint of the former Ansbacher Plant contain elevated levels of arsenic, lead, and mercury. The groundwater in this area is also contaminated with these metals. The site does not constitute a significant threat to the environment as the contaminated soil is covered by existing layers of asphalt and concrete, and the contaminated groundwater has not migrated significantly beyond the footprint of the former factory.

Health Problem:    Residual arsenic and lead contamination remain under the BQE and is covered with several layers of concrete and asphalt, thereby preventing direct contact. Contaminated soil also underlies several on-site buildings formerly used by Ansbacher. Groundwater in the area is not used, since public water is available. Off-site sampling of surface soils from residential yards adjacent to the site indicated the presence of metals (particularly arsenic and lead) at concentrations above the range of concentrations typically encountered in urban neighborhoods. However, the exact source of the metals in the soils could not be determined from the data collected. The NYSDOH gave the residents advice on how to minimize their exposure to these surface soil contaminants.

Dump:                False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BQE/ANSBACHER COLOR & DYE FACTORY (Continued)**

**S106780917**

Structure: False  
Lagoon: False  
Landfill: True  
Pond: False  
Disp Start: unknown  
Disp Term: unknown  
Lat/Long: 40:42:52:0 / 73:57:12:0  
Dell: False  
Record Add: 11/18/1999 12:00:00 PM  
Record Upd: 11/18/1999 12:00:00 PM  
Updated By: INITIAL  
Own Op: Disp. Owner  
Sub Type: NNN  
Owner Name: Not reported  
Owner Company: ANSBACHER COLOR & DYE FACTORY  
Owner Address: Not reported  
Owner Addr2: Not reported  
Owner City,St,Zip: ZZ  
Owner Country: United States of America  
Own Op: Owner  
Sub Type: B99  
Owner Name: Not reported  
Owner Company: NYS Department of Transportation  
Owner Address: STATE CAMPUS, BUILDING 5  
Owner Addr2: Not reported  
Owner City,St,Zip: ALBANY, NY 12232  
Owner Country: United States of America  
Own Op: On-Site Operator  
Sub Type: NNN  
Owner Name: Not reported  
Owner Company: Ansbacher Color & Dye Factory  
Owner Address: Meeker Avenue  
Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11211  
Owner Country: United States of America  
Own Op: On-Site Operator  
Sub Type: B99  
Owner Name: Not reported  
Owner Company: ANSBACHER COLOR & DYE FACTORY  
Owner Address: MEEKER AVENUE  
Owner Addr2: Not reported  
Owner City,St,Zip: BROOKLYN, NY  
Owner Country: United States of America  
Own Op: Owner  
Sub Type: NNN  
Owner Name: Not reported  
Owner Company: NYS Department of Transportation  
Owner Address: State Campus - Building 5  
Owner Addr2: Not reported  
Owner City,St,Zip: Albany, NY 12232  
Owner Country: United States of America  
HW Code: 224016  
Waste Type: LEAD  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 224016  
Waste Type: ARSENIC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BQE/ANSBACHER COLOR & DYE FACTORY (Continued)**

**S106780917**

Waste Quantity: UNKNOWN  
Waste Code: Not reported  
Crossref ID: Not reported  
Cross Ref Type Code: Not reported  
Cross Ref Type: Not reported  
Record Added Date: Not reported  
Record Updated: Not reported  
Updated By: Not reported

181  
SE  
1/2-1  
0.569 mi.  
3002 ft.

**SCHOLES ST. STATION**  
**SCHOLES ST 7 BOGART STS. MESSEROLE AND MORGAN AVE.**  
**BROOKLYN, NY 11206**

**EDR MGP 1008407899**  
**N/A**

Relative:  
Lower

Manufactured Gas Plants:  
No additional information available

Actual:  
17 ft.

182  
NNE  
1/2-1  
0.605 mi.  
3192 ft.

**95 LOMBARDY ST./ACME ARCH. PRODS., INC.**  
**95 LOMBARDY ST**  
**BROOKLYN, NY 11222**

**NY SHWS U003652054**  
**NY UST N/A**  
**NY HIST UST**

Relative:  
Higher

SHWS:  
Program: HW  
Site Code: 405853  
Classification: Significant threat to the public health or environment - action required.  
Region: 2  
Acres: 1.010  
HW Code: 224131  
Record Add: 10/28/2008  
Record Upd: 03/26/2014  
Updated By: JAMORAS

Actual:  
44 ft.

Site Description: Location:The site is located in the Greenpoint/East Williamsburg Industrial Area section of Kings County (Borough of Brooklyn, New York City). The site is located on the east side of Vandervoort Avenue between Anthony and Lombardy Streets. Site Features:The site is completely covered by one (1) two-story and three (3) one-story brick buildings. The site is surrounded by other commercial and industrial properties. Sergeant William Dougherty Playground is located immediately north of the site across Anthony Street, and the eastbound on-ramp to the Brooklyn-Queens Expressway (I-278) is located one block to the north. A small residential area is located one block south of the site.Current Zoning/Use(s):The site is zoned for manufacturing. The site is currently used as a granite warehouse and showroom at 95 Lombardy Street, and a paper distribution office and a kitchen cabinet warehouse/showroom at 46 Anthony Street.Historical Use(s):The Department began a Site Characterization in this area during the Spring of 2007 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular location was specifically targeted for investigation based on Sanborn fire insurance map data indicating

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued)

U003652054

that the site was utilized as a metal fabricator and painting facility from the 1930's to the late 2000's, and a Department database which lists the site as a generator of F001 waste (spent halogenated solvents used in de-greasing). This investigation was conducted in several phases, and was completed in the Summer of 2009. Based on an extensive records search and several inspections, it was determined that waste paint, waste oil, waste degreasers, and waste water precipitate were generated at the property during site operations. Numerous floor drains with unknown outfall locations existed within the property, and were identified as potential injection wells. In addition, an underground storage tank that was used as a dip tank and for storing degreasing products was located in the northwest corner of the site. Several pipes that originated from the dip tank discharged to a floor drain in the loading dock area. Site Geology and Hydrogeology: The site is underlain by a fill unit (0.5-9' thick), a sand/silty sand unit (~100' thick), a discontinuous clay/silt unit (~1-10' thick) within the sand/silty sand unit at various depths within the site area, a sand and gravel unit (~5' thick), and the Raritan Formation (~120-125' below ground surface). Groundwater is approximately 35-45' below ground surface in the vicinity of the site. Groundwater flows northeast toward Newtown Creek, which lies approximately 2,500' northeast of the site.

Env Problem: Nature and Extent of Contamination:- Groundwater The primary contaminant of concern at the site is trichloroethene (TCE). TCE has been found on-site in shallow groundwater at concentrations up to 66,000 ppb, and in deep groundwater at concentrations up to 70,000 ppb, well above Part 703.5 class GA standards (5 ppb). Concentrations of tetrachloroethene (up to 8,000 ppb) and 1,2-dichloroethene (3,200 ppb) have also been found above their respective Part 703.5 class GA standards (5 ppb each). The plume of TCE-contaminated groundwater has migrated at least 400' off-site.- Soil Vapor and Indoor Air Concentrations of TCE in soil vapor have been found up to 4,100 ug/m<sup>3</sup>, and in indoor air up to 13 ug/m<sup>3</sup>. Significant Threat: The site poses a significant environmental threat due to ongoing releases of TCE from source areas into soil and groundwater.

Health Problem: Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses are supplied with public water and contaminants are below the ground surface. Since the possibility exists for vapors from site-related chemicals to migrate into nearby homes and businesses, soil vapor intrusion sampling will continue in the area and data evaluated as they become available.

Dump: False  
Structure: True  
Lagoon: False  
Landfill: False  
Pond: False  
Disp Start: Not reported  
Disp Term: Not reported  
Lat/Long: Not reported  
Dell: Not reported  
Record Add: 10/28/2008 12:21:00 PM  
Record Upd: 9/20/2013 2:01:00 PM  
Updated By: Idennist  
Own Op: Document Repository  
Sub Type: C01  
Owner Name: Not reported  
Owner Company: Brooklyn Community Board #1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued)

U003652054

Owner Address: 435 Graham Avenue  
Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11222  
Owner Country: United States of America  
Own Op: Owner  
Sub Type: 01  
Owner Name: MAUREEN BABIS  
Owner Company: NYC IDA  
Owner Address: 110 WILLIAM STREET  
Owner Addr2: Not reported  
Owner City,St,Zip: NEW YORK, NY 10038  
Owner Country: United States of America  
Own Op: On-Site Operator  
Sub Type: 01  
Owner Name: PAUL BURDYN  
Owner Company: ACME ARCHITECTURAL PRODUCTS, INC.  
Owner Address: 251 LOMBARDY STREET  
Owner Addr2: Not reported  
Owner City,St,Zip: BROOKLYN, NY 11222  
Owner Country: United States of America  
Own Op: Document Repository  
Sub Type: C04  
Owner Name: Not reported  
Owner Company: Brooklyn Public Library - Greenpoint Branch  
Owner Address: 107 Norman Avenue  
Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11222  
Owner Country: United States of America  
HW Code: 224131  
Waste Type: TRICHLOROETHENE (TCE)  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
Crossref ID: 224129  
Cross Ref Type Code: 02  
Cross Ref Type: HW Site ID  
Record Added Date: 10/31/2008 2:34:00 PM  
Record Updated: 10/31/2008 2:34:00 PM  
Updated By: MOBARRIE  
Crossref ID: 224130  
Cross Ref Type Code: 02  
Cross Ref Type: HW Site ID  
Record Added Date: 10/31/2008 2:41:00 PM  
Record Updated: 10/31/2008 2:41:00 PM  
Updated By: MOBARRIE  
Crossref ID: 224132  
Cross Ref Type Code: 02  
Cross Ref Type: HW Site ID  
Record Added Date: 10/31/2008 2:42:00 PM  
Record Updated: 10/31/2008 2:42:00 PM  
Updated By: MOBARRIE  
Crossref ID: 224121  
Cross Ref Type Code: 02  
Cross Ref Type: HW Site ID  
Record Added Date: 1/30/2009 12:36:00 PM  
Record Updated: 1/30/2009 12:36:00 PM  
Updated By: JAAVERSA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued)**

**U003652054**

UST:

Id/Status: 2-603942 / Unregulated/Closed  
Program Type: PBS  
Region: STATE  
DEC Region: 2  
Expiration Date: 02/25/2004  
UTM X: 589801.46251999994  
UTM Y: 4508492.4255999997  
Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id: 25835  
Affiliation Type: Facility Owner  
Company Name: WHITEHEAD COMPANY  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 513 PORTER AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11222  
Country Code: 001  
Phone: (718) 384-7800  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 25835  
Affiliation Type: Mail Contact  
Company Name: ACME ARCHITECTURAL PRODUCTS, INC.  
Contact Type: Not reported  
Contact Name: MILDRED OLSEN  
Address1: 513 PORTER AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11222  
Country Code: 001  
Phone: (718) 384-7800  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 25835  
Affiliation Type: On-Site Operator  
Company Name: 95 LOMBARDY ST./ACME ARCH. PRODS., INC.  
Contact Type: Not reported  
Contact Name: ACME ARCH PRODS., INC.  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 384-7800

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued)

U003652054

E-Mail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 25835  
Affiliation Type: Emergency Contact  
Company Name: WHITEHEAD COMPANY  
Contact Type: Not reported  
Contact Name: WILLIAM MCDONNELL  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 384-7800  
E-Mail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 1  
Tank ID: 56116  
Tank Status: Closed - In Place  
Material Name: Closed - In Place  
Capacity Gallons: 8500  
Install Date: Not reported  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0003  
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
B00 - Tank External Protection - None  
I05 - Overfill - Vent Whistle  
C02 - Pipe Location - Underground/On-ground  
G08 - Tank Secondary Containment - Flexible Internal Lining (Bladder)  
H00 - Tank Leak Detection - None

Tank Number: 2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued)**

**U003652054**

Tank ID: 56117  
Tank Status: Closed - In Place  
Material Name: Closed - In Place  
Capacity Gallons: 1080  
Install Date: Not reported  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
I05 - Overfill - Vent Whistle  
H00 - Tank Leak Detection - None  
G08 - Tank Secondary Containment - Flexible Internal Lining (Bladder)  
C02 - Pipe Location - Underground/On-ground

HIST UST:

PBS Number: 2-603942  
SPDES Number: Not reported  
Emergency Contact: WILLIAM MCDONNELL  
Emergency Telephone: (718) 384-7800  
Operator: ACME ARCH PRODS., INC.  
Operator Telephone: (718) 384-7800  
Owner Name: WHITEHEAD COMPANY  
Owner Address: 513 PORTER AVENUE  
Owner City,St,Zip: BROOKLYN, NY 11222  
Owner Telephone: (718) 384-7800  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Name: ACME ARCHITECTURAL PRODUCTS, INC.  
Mailing Address: 513 PORTER AVENUE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11222  
Mailing Contact: MILDRED OLSEN  
Mailing Telephone: (718) 384-7800  
Owner Mark: First Owner  
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.  
Facility Addr2: Not reported  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: MANUFACTURING  
Inspected Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued)

U003652054

Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: Not reported  
Expiration Date: 02/25/2004  
Renew Flag: False  
Renewal Date: Not reported  
Total Capacity: 0  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: 0  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2

Tank Id: 1  
Tank Location: UNDERGROUND  
Tank Status: Closed-In Place  
Install Date: Not reported  
Capacity (gals): 8500  
Product Stored: NOS 5 OR 6 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: None  
Pipe Location: Underground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: None  
Second Containment: B  
Leak Detection: None  
Overfill Prot: Vent Whistle  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 2  
Tank Location: UNDERGROUND  
Tank Status: Closed-In Place  
Install Date: Not reported  
Capacity (gals): 1080  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: None  
Pipe Location: Underground

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued)

U003652054

Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: None  
Second Containment: B  
Leak Detection: None  
Overfill Prot: Vent Whistle  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

183  
East  
1/2-1  
0.632 mi.  
3339 ft.

NEWTOWN CREEK SUPERFUND SITE  
NEWTOWN CRK - N LAT 40.715192  
NEW YORK, NY 99999

NPL 1011845384  
CERCLIS NYN000206282  
RCRA-SQG

Relative:  
Lower

NPL:  
EPA ID: NYN000206282  
EPA Region: 02  
Federal: N  
Final Date: 2010-09-29 00:00:00

Actual:  
-1 ft.

CERCLIS:  
Site ID: 0206282  
EPA ID: NYN000206282  
Facility County: KINGS, QUEENS  
Short Name: NEWTOWN CREEK  
Congressional District: 12, 14  
IFMS ID: A206  
SMSA Number: 5600  
USGC Hydro Unit: Not reported  
Federal Facility: Not a Federal Facility  
DMNSN Number: 0.00000  
Site Orphan Flag: Not reported  
RCRA ID: Not reported  
USGS Quadrangle: Not reported  
Site Init By Prog: S  
NFRAP Flag: Not reported  
Parent ID: Not reported  
RST Code: Not reported  
EPA Region: 02  
Classification: Not reported  
Site Settings Code: Not reported  
NPL Status: Currently on the Final NPL  
DMNSN Unit Code: Not reported  
RBRAC Code: Not reported  
RResp Fed Agency Code: Not reported  
Non NPL Status: Not reported  
Non NPL Status Date: / /  
Site Fips Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWTOWN CREEK SUPERFUND SITE (Continued)**

**1011845384**

CC Concurrence Date: / /  
CC Concurrence FY: Not reported  
Alias EPA ID: Not reported  
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 2000116.00000  
Contact Name: CAROLINE KWAN  
Contact Tel: (212) 637-4275  
Contact Title: Remedial Project Manager (RPM)  
Contact Email: Not reported

Contact ID: 13003472.00000  
Contact Name: NICA KLABER  
Contact Tel: (212) 637-4309  
Contact Title: Remedial Project Manager (RPM)  
Contact Email: KLABER.NICA@EPA.GOV

Contact ID: 2000070.00000  
Contact Name: BETSY DONOVAN  
Contact Tel: (212) 637-4369  
Contact Title: Remedial Project Manager (RPM)  
Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 13000087  
Alias Name: NEWTOWN CREEK  
Alias Address: SOUTH END OF IVY HILL ROAD  
BROOKLYN, NY 11211

Alias Comments: Not reported  
Site Description: Contaminated sediment plume resulting from numerous industrial activities along  
newtown Creek

CERCLIS Assessment History:

Action Code: 001  
Action: DISCOVERY  
Date Started: / /  
Date Completed: 08/15/08  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: PROPOSAL TO NATIONAL PRIORITIES LIST  
Date Started: / /  
Date Completed: 09/23/09  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWTOWN CREEK SUPERFUND SITE (Continued)**

**1011845384**

Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: Notice Letters Issued  
Date Started: / /  
Date Completed: 03/25/10  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST  
Date Started: / /  
Date Completed: 09/29/10  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 02/05/10  
Date Completed: 07/07/11  
Priority Level: Not reported  
Operable Unit: ENTIRE SITE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Original Action Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS  
Date Started: 03/25/10  
Date Completed: 07/07/11  
Priority Level: Not reported  
Operable Unit: ENTIRE SITE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWTOWN CREEK SUPERFUND SITE (Continued)**

**1011845384**

Action Code: 001  
Action: ADMINISTRATIVE ORDER ON CONSENT  
Date Started: / /  
Date Completed: 07/07/11  
Priority Level: Not reported  
Operable Unit: ENTIRE SITE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 07/07/11  
Date Completed: / /  
Priority Level: Not reported  
Operable Unit: ENTIRE SITE  
Primary Responsibility: Responsible Party  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: New Action Resulting from Take Over

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:

Fed Register Date: 09/29/10  
Fed Register Volume: 75  
Page Number: 59983

Fed Register Date: 09/23/09  
Fed Register Volume: 74  
Page Number: 48511

[Click this hyperlink](#) while viewing on your computer to access 283 additional US CERCLIS Financial: record(s) in the EDR Site Report.

RCRA-SQG:

Date form received by agency: 03/21/2012  
Facility name: NEWTOWN CREEK SUPERFUND SITE  
Facility address: NEWTOWN CRK - N LAT 40.715192 & 73'55 NEW YORK, NY 99999  
EPA ID: NYN000206282  
Mailing address: W GRAND AVE STE 300 MONTVALE, NJ 076451813  
Contact: JIM QUADRINI  
Contact address: W GRAND AVE STE 300 MONTVALE, NJ 076451813  
Contact country: US  
Contact telephone: (201) 930-9890  
Telephone ext.: 1012  
Contact email: JQUADRINI@ANCHORQEA.COM  
EPA Region: 02

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWTOWN CREEK SUPERFUND SITE (Continued)**

**1011845384**

Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CAROLINE KWAN-US EPA  
Owner/operator address: BROADWAY  
NEW YORK, NY 10007  
Owner/operator country: US  
Owner/operator telephone: (212) 637-4275  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1980  
Owner/Op end date: Not reported

Owner/operator name: DAY PITNEY LLP  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 04/16/2012  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D004  
Waste name: ARSENIC  
Waste code: D006  
Waste name: CADMIUM  
Waste code: D007  
Waste name: CHROMIUM  
Waste code: D008

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NEWTOWN CREEK SUPERFUND SITE (Continued)**

**1011845384**

Waste name: LEAD  
 Waste code: D009  
 Waste name: MERCURY  
 Waste code: D010  
 Waste name: SELENIUM  
 Waste code: D015  
 Waste name: TOXAPHENE  
 Waste code: D020  
 Waste name: CHLORDANE  
 Waste code: D031  
 Waste name: HEPTACHLOR (AND ITS EPOXIDE).  
 Violation Status: No violations found

**AK184  
 NE  
 1/2-1  
 0.690 mi.  
 3644 ft.**

**K - GREENPOINT MGP - ENERGY CENTER  
 287 MASPETH AVENUE  
 BROOKLYN, NY 11211  
 Site 1 of 2 in cluster AK**

**NY SHWS S104787368  
 NY SWF/LF N/A  
 NY LTANKS  
 NY TANKS  
 NY MANIFEST  
 NY Spills  
 NY VCP  
 NY BROWNFIELDS  
 NY MOSF**

**Relative:  
 Lower**

**Actual:  
 18 ft.**

SHWS:  
 Program: HW  
 Site Code: 372971  
 Classification: Significant threat to the public health or environment - action required.  
 Region: 2  
 Acres: 117.000  
 HW Code: 224052  
 Record Add: 11/02/2006  
 Record Upd: 10/10/2013  
 Updated By: GWCROSS

Site Description: The Greenpoint Manufactured Gas Plant(MGP) site is a large parcel located along Newtown Creek at 287 Maspeth Avenue in Brooklyn, NY in Kings County. The site is currently known as the Greenpoint Energy Center, and houses a major liquefied natural gas storage facility and compressor station, an operations center for KeySpan's distribution and service units, and a warehouse facility. Surrounding land uses are mixed industrial, residential, and commercial. A large MGP and byproduct coking operation operated on the site from 1928 until 1952. Coal tar has been found in subsurface soils, but the full extent of contamination has not yet been established. The surrounding neighborhood also contains a large petroleum spill, apparently unrelated to the MGP. A VCA to address the northeast corner of the property was listed under V00631. This work was undertaken to allow expansion of the existing liquefied gas facility, and included a relatively small portion of the site. A site-wide RI began in the summer of 2012. The RI will be conducted in 3 phases and is scheduled to conclude in late 2014.

Env Problem: According to the USEPA a preliminary assessment (PA) was prepared for the site dated September 24, 1986. The PA was not submitted or

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

reviewed. A draft preliminary site investigation report was submitted to the Department in June 2004 for the northeast corner of the site. This report noted MGP DNAPL found across the site in the shallow depths (0-5 feet bgs) This material caused most of the soil samples to fail standards for several SVOCs including naphthalene, benzo(a)pyrene, and benzo(a)anthracene. The area noted was addressed in an IRM, but should be representative of a best-case for the site as a whole as it was in an area which was not actually part of the MGP operations. These exceedances represent a significant threat to the environment, This material is also known to contribute to groundwater contamination and sediment contamination. The site's location, adjacent to Newtown creek, means there is a potential for DNAPL to be leaking into the creek, contaminating sediments and surface water. A RI is currently ongoing. The first phase, begun in July 2012 is focused on the eastern portion of the site, adjacent to Newtown Creek.

Health Problem: Public exposures to wastes in soil and groundwater at the site are unlikely since access to the site is restricted. Potential impacts from soil vapors need to be evaluated. Potential exposures to seepage from the site in the adjacent Newtown Creek are unknown. Eating of fish and shellfish from Newtown Creek is restricted based on fish advisories for the East River, which apply to Newtown Creek as a tributary.

Dump: False  
Structure: False  
Lagoon: False  
Landfill: False  
Pond: False  
Disp Start: Not reported  
Disp Term: Not reported  
Lat/Long: Not reported  
Dell: False  
Record Add: 11/6/2006 2:08:00 PM  
Record Upd: 9/20/2013 2:11:00 PM  
Updated By: Idennist  
Own Op: Owner  
Sub Type: NNN  
Owner Name: N/A  
Owner Company: BROOKLYN UNION GAS COMPANY  
Owner Address: 1 METROTECH CENTER  
Owner Addr2: Not reported  
Owner City,St,Zip: BROOKLYN, NY 11201  
Owner Country: United States of America  
HW Code: 224052  
Waste Type: NAPHTHALENE  
Waste Quantity: 17.00  
Waste Code: Not reported  
HW Code: 224052  
Waste Type: PYRENE  
Waste Quantity: 83.00  
Waste Code: Not reported  
HW Code: 224052  
Waste Type: BENZENE  
Waste Quantity: 3.30  
Waste Code: Not reported  
HW Code: 224052  
Waste Type: BENZO(A)PYRENE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Waste Quantity: 33.00  
Waste Code: Not reported  
HW Code: 224052  
Waste Type: COAL TAR  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 224052  
Waste Type: COAL TAR  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
Crossref ID: Not reported  
Cross Ref Type Code: Not reported  
Cross Ref Type: Not reported  
Record Added Date: Not reported  
Record Updated: Not reported  
Updated By: Not reported

**SWF/LF:**

Flag: ACTIVE  
Region Code: 2  
Phone Number: 7182705786  
Owner Name: Raymond Moore  
Owner Type: Private  
Owner Address: 84-24 Ditmas Ave  
Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11236  
Owner Email: Not reported  
Owner Phone: 7182705786  
Contact Name: Raymond Moore  
Contact Address: Not reported  
Contact Addr2: Not reported  
Contact City,St,Zip: Not reported  
Contact Email: raymond.moore@us.ngrid.com  
Contact Phone: 7182705786  
Activity Desc: C&D processing - registration  
Activity Number: [24W38]  
Active: Yes  
East Coordinate: 590245  
North Coordinate: 4508023  
Accuracy Code: 4.3 - Utilization of Digital Orthophoto Quads  
Regulatory Status: Registration  
Waste Type: Asphalt;Concrete;Brick;Rock;Soil (Clean)  
Authorization #: 24W38  
Authorization Date: Not reported  
Expiration Date: Not reported

**LTANKS:**

Site ID: 181619  
Spill Number/Closed Date: 9211562 / 2/6/2007  
Spill Date: 1/7/1993  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

SWIS: 2401  
Investigator: VSZHUNE  
Referred To: Not reported  
Reported to Dept: 1/7/1993  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 1/8/1993  
Spill Record Last Update: 2/6/2007  
Spiller Name: FACILITY MANAGER  
Spiller Company: KEYSpan ENERGY  
Spiller Address: ONE METROTECH CENTER  
Spiller City,St,Zip: BROOKLYN, NY 11201-  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 14020  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ROMMEL" This spill case was reassigned from DEC (Sigona) to Rommel on 01/07/2004. Per Bart Polozzitti of Keyspan (516-545-5511), major renovations have occurred at the site. The tank may have been removed, he will forward relevant information when gathered. 01/02/07-Zhune got an e-mail from Bart Polozzitti requesting additional time to get the information. He said hopefully he will get it by 02/17/07. Bart Polozzitti cell # 646-235040301/09/07 Bart sent the information a tightness test report from Tanknology Corp. and a letter is included. The letter state the following: The subject underground storage tank (361A) located at 287 Maspeth Ave. Brooklyn, New York was tightness tested unsuccessfully on January 7, 1993. The other three fuel tanks on the same facility (Nos. 363, 364 & 365) were tested tight on the same day. After repairing the vent connections causing the ullage leak above the level of product, the tank was retested on January 25, 1993 and passed. There was no release at any time to the surrounding environment. Spill Closed

Remarks: EIR

Material:  
Site ID: 181619  
Operable Unit ID: 978534  
Operable Unit: 01  
Material ID: 404952  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Tank Test:

Site ID: 181619  
Spill Tank Test: 1541042  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

Site ID: 118273  
Spill Number/Closed Date: 9009058 / 3/4/2003  
Spill Date: 11/16/1990  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: ADMIN. CLOSED  
Referred To: Not reported  
Reported to Dept: 11/16/1990  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 11/20/1990  
Spill Record Last Update: 3/4/2003  
Spiller Name: Not reported  
Spiller Company: BROOKLYN UNION GAS  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 102793  
DEC Memo: Not reported  
Remarks: 4K TANK FAILED HORNER EZY CHECK WITH AN UNDETERMINED LEAK RATE, WILL EXCAVATE, ISOLATE,REPAIR & RETEST.CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

Material:

Site ID: 118273  
Operable Unit ID: 949558  
Operable Unit: 01  
Material ID: 432836  
Material Code: 0009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 118273  
Spill Tank Test: 1537896  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

TANKS:

Facility Id: 2-306398  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Program Type: PBS  
Expiration Date: 2017-07-14  
UTM X: 590290.94556999998  
UTM Y: 4507980.1856899997

NY MANIFEST:

EPA ID: NYD006978795  
Country: USA

Mailing Info:

Name: KEYSpan - LNG PLANT GREENPOINT  
Contact: AMY DROGALIS  
Address: 175 E OLD COUNTRY RD  
City/State/Zip: HICKSVILLE, NY 11801  
Country: USA  
Phone: 917-560-0908

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-05-09  
Trans1 Recv Date: 2012-05-09  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-05-09  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 2727.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 3.0  
Container Type: CF - Fiber or plastic boxes, cartons  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000531334VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-05-09  
Trans1 Recv Date: 2012-05-09  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-05-09  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 1092.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 6.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000531334VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-05-09  
Trans1 Recv Date: 2012-05-09  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-05-09  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 20.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000531334VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-05-09  
Trans1 Recv Date: 2012-05-09  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-05-09  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 40.0  
Units: P - Pounds

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000531334VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-05-09  
Trans1 Recv Date: 2012-05-09  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-05-09  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 110.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000531334VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-05-09  
Trans1 Recv Date: 2012-05-09  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-05-09  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 400.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000531334VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-08-29  
Trans1 Recv Date: 2012-08-29  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-09-04  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 200.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 2.0  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000531357VES

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-07-03  
Trans1 Recv Date: 2012-07-03  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-07-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 160.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 2.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000531370VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-07-03  
Trans1 Recv Date: 2012-07-03  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-07-10

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 600.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 1.0  
Container Type: CF - Fiber or plastic boxes, cartons  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000531370VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-07-03  
Trans1 Recv Date: 2012-07-03  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-07-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 400.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000531370VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-07-31  
Trans1 Recv Date: 2012-07-31  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-08-01  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 182.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000531455VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-07-31  
Trans1 Recv Date: 2012-07-31  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-08-01  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Waste Code: Not reported  
Quantity: 909.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 1.0  
Container Type: CF - Fiber or plastic boxes, cartons  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000531455VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-07-31  
Trans1 Recv Date: 2012-07-31  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-08-01  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 50.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000531455VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-11-14  
Trans1 Recv Date: 2012-11-14  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-11-16  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 400.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000679108VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-11-14  
Trans1 Recv Date: 2012-11-14  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-11-16  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 800.0  
Units: P - Pounds  
Number of Containers: 2.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Year: 2012  
Manifest Tracking Num: 000679108VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-11-14  
Trans1 Recv Date: 2012-11-14  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-11-16  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 200.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0

Year: 2012  
Manifest Tracking Num: 000679108VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-09-24  
Trans1 Recv Date: 2012-09-24

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-09-27  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 156.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 1.0  
Container Type: CF - Fiber or plastic boxes, cartons  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000679257VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-09-24  
Trans1 Recv Date: 2012-09-24  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-09-27  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 182.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000679257VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-10-23  
Trans1 Recv Date: 2012-10-23  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-10-24  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 109.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000679322VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD080631369  
Trans2 State ID: Not reported  
Generator Ship Date: 2012-12-12  
Trans1 Recv Date: 2012-12-12  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2012-12-14  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD006978795  
Trans1 EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Trans2 EPA ID: Not reported  
TSDf ID: NJD980536593  
Waste Code: Not reported  
Quantity: 546.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 6.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 000679464VES  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

[Click this hyperlink](#) while viewing on your computer to access  
114 additional NY\_MANIFEST: record(s) in the EDR Site Report.

**SPILLS:**

Facility ID: 1006581  
Facility Type: ER  
DER Facility ID: 394939  
Site ID: 439941  
DEC Region: 2  
Spill Date: 9/17/2010  
Spill Number/Closed Date: 1006581 / 9/17/2010  
Spill Cause: Equipment Failure  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: smsanges  
Referred To: Not reported  
Reported to Dept: 9/17/2010  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 9/17/2010  
Spill Record Last Update: 9/17/2010  
Spiller Name: Not reported  
Spiller Company: NAT GRID  
Spiller Address: Not reported  
Spiller City,St,Zip: NY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Spiller Company: 999  
Contact Name: MARTIN BRUCELLA  
Contact Phone: (516) 545-2401  
DEC Memo: Not reported  
Remarks: APPROX 25-30 GALLONS OF GAS MAIN DRIP WATER SPILLED TO SOIL/ASPHALT AND GRAVEL. CLEANUP IN PROGRESS.

Material:

Site ID: 439941  
Operable Unit ID: 1190570  
Operable Unit: 01  
Material ID: 2185598  
Material Code: 9999  
Material Name: Other - GAS MAIN DRIP WATER  
Case No.: Not reported  
Material FA: Other  
Quantity: 30  
Units: Gallons  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 0106270  
Facility Type: ER  
DER Facility ID: 102793  
Site ID: 181617  
DEC Region: 2  
Spill Date: 9/13/2001  
Spill Number/Closed Date: 0106270 / 2/6/2007  
Spill Cause: Equipment Failure  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: VSZHUNE  
Referred To: Not reported  
Reported to Dept: 9/13/2001  
CID: 252  
Water Affected: Not reported  
Spill Source: Commercial Vehicle  
Spill Notifier: Responsible Party  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 9/13/2001  
Spill Record Last Update: 2/6/2007  
Spiller Name: CALLER  
Spiller Company: KEYSpan  
Spiller Address: 175 EAST OLD COUNRTY RD  
Spiller City,St,Zip: HICKSVILLE, NY -  
Spiller Company: 001  
Contact Name: SHAWN DAVIS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Contact Phone: (516) 545-5589  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "KRIMGOLD"9/13/01. J.Krimgold called Shawn Davis of Keyspan and left message.7/26/06 - Mike - Bart Palozzotti is now attached to the number 516-545-5511. Unsure if Shawn Davis left Keyspan. Unable to get a hold of Bart. This spill case was reassigned from Bishop to Zhune02/10/07 Bart Palozzotti sent informartion. Miller Environmental Group did the cleaned up. I received invoice, Daily job report and the waste manifest. Spill Closed  
Remarks: FAULTY VALVE ON TRUCK MAY HAVE CAUSED SPILL-CONTRACTORS ENROTE FOR CLEANUP.

Material:  
Site ID: 181617  
Operable Unit ID: 844615  
Operable Unit: 01  
Material ID: 531133  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 200  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 0506134  
Facility Type: ER  
DER Facility ID: 102793  
Site ID: 351275  
DEC Region: 2  
Spill Date: 8/18/2005  
Spill Number/Closed Date: 0506134 / 8/18/2005  
Spill Cause: Other  
Spill Class: Not reported  
SWIS: 2401  
Investigator: JBVOUGHT  
Referred To: Not reported  
Reported to Dept: 8/18/2005  
CID: 409  
Water Affected: Not reported  
Spill Source: Unknown  
Spill Notifier: Local Agency  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 8/18/2005  
Spill Record Last Update: 8/18/2005  
Spiller Name: UNKNOWN  
Spiller Company: UNKNOWN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Spiller Address: UNKNOWN  
Spiller City,St,Zip: UNKNOWN, NY  
Spiller Company: 999  
Contact Name: ED MILLER  
Contact Phone: (516) 792-7302  
DEC Memo: 8/18/05-Vought-Called Ed and NYFD and NYPD left scene. FDNY put sand around pooled oil. NO responsible parties seen. FDNY diked oil. Pool is near gutter and spill originated from the middle of the street. Pooled oil is 3'x3'. FDNY contact is Captain Horton (Ladder 146) and Captain Villendahl (Engine 206). No sewers or drains affected and DEP was contacted. Vought called Sanitation Operations and they were previously called and are on their way. Spill closed by Vought.  
Remarks: YOU CAN SEE THE TRAIL OF MOTOR OIL ON THE ROADWAY. CLEAN UP IS NOT IN PROCESS. NOT THEIR RESPOSIBILY. ED CELL #917-731-8543.

Material:

Site ID: 351275  
Operable Unit ID: 1108800  
Operable Unit: 01  
Material ID: 2098772  
Material Code: 0015  
Material Name: Motor Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 25  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 9606233  
Facility Type: ER  
DER Facility ID: 102793  
Site ID: 181621  
DEC Region: 2  
Spill Date: 8/13/1996  
Spill Number/Closed Date: 9606233 / 10/27/1997  
Spill Cause: Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: MCTIBBE  
Referred To: Not reported  
Reported to Dept: 8/14/1996  
CID: 351  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Responsible Party  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Date Entered In Computer: 8/14/1996  
Spill Record Last Update: 7/16/1999  
Spiller Name: MARY CASEY  
Spiller Company: BROOKLYN UNION  
Spiller Address: 287 MASPETH AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Company: 001  
Contact Name: MARY CASEY  
Contact Phone: (718) 403-3088  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"SEE FILE.

Remarks: there was a lack of over fill protection on tanks which allowed spill  
- all material was cleaned up - mark tibbe is familiar with facility

Material:

Site ID: 181621  
Operable Unit ID: 1037209  
Operable Unit: 01  
Material ID: 345494  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 10  
Units: Gallons  
Recovered: 10  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 0303442  
Facility Type: ER  
DER Facility ID: 102793  
Site ID: 181395  
DEC Region: 2  
Spill Date: 7/2/2003  
Spill Number/Closed Date: 0303442 / 7/9/2003  
Spill Cause: Human Error  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: JXZHAO  
Referred To: Not reported  
Reported to Dept: 7/2/2003  
CID: 199  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Affected Persons  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 7/2/2003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

Spill Record Last Update: 8/8/2003  
Spiller Name: Not reported  
Spiller Company: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: \*\*\*Update\*\*\*, ZZ  
Spiller Company: 001  
Contact Name: BART POLIZZOTTI  
Contact Phone: (516) 545-5511  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ZHAO"  
Remarks: contractor cleaning out drain accidentally dumped approx 2 yds of oily sludge type material on ground at location - clean upcrew enroute

Material:

Site ID: 181395  
Operable Unit ID: 870549  
Operable Unit: 01  
Material ID: 504309  
Material Code: 0058A  
Material Name: SLUDGE  
Case No.: Not reported  
Material FA: Other  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

[Click this hyperlink](#) while viewing on your computer to access additional NY\_SPILL: detail in the EDR Site Report.

VCP:

Program Type: VCP  
Site Code: 57149  
HW Code: V00631  
Site Class: A  
SWIS: 2401  
Region: 2  
Town: New York City  
Acres: 2.000  
Date Record Added: 01/16/2003  
Date Record Updated: 06/30/2009  
Updated By: GWCROSS  
Site Description: The Greenpoint Energy Center is located in the Greenpoint section of Brooklyn, New York. The surrounding area is dominated by industrial and commercial uses with a limited residential area northwest of the site.  
Env Problem: The site is impacted by MGP residuals. Coal tar is present at the site. KeySpan has proposed to remediate the most accessible contamination and leave the remaining contamination in place. The proposed remedy is under review by the department.  
Health Problem: Public exposures to wastes in soil and groundwater at the site are unlikely since access to the site is restricted. Potential impacts from soil vapors need to be evaluated. Potential exposures to seepage

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**K - GREENPOINT MGP - ENERGY CENTER (Continued)**

**S104787368**

from the site in the adjacent Newtown Creek are unknown. Eating of fish and shellfish from Newtown Creek is restricted based on fish advisories for the East River, which apply to Newtown Creek as a tributary.

**BROWNFIELDS:**

Program: BCP  
 Site Code: 57389  
 Site Description: See Site 224052  
 Env Problem: Not reported  
 Health Problem: Not reported

**MOSF:**

Facility ID: 2-2340  
 Program Type: MOSF  
 Tank Status: No Longer MOSF  
 Expiration Date: Not reported  
 Dec Region: 2  
 UTMX: 590195.67868000  
 UTM Y: 4507995.2537200

**AK185  
 NE  
 1/2-1  
 0.690 mi.  
 3644 ft.**

**GREENPOINT  
 287 MASPETH AVENUE  
 BROOKLYN, NY 11211  
 Site 2 of 2 in cluster AK**

**EDR MGP 1008407892  
 N/A**

**Relative:** Manufactured Gas Plants:  
**Lower** No additional information available

**Actual:**  
**18 ft.**

**186  
 NNE  
 1/2-1  
 0.699 mi.  
 3692 ft.**

**ACME STEEL PARTITION CO INC  
 513 PORTER AVE  
 BROOKLYN, NY 11222**

**RCRA NonGen / NLR 1000198707  
 NY SHWS NYD001281823  
 NY MANIFEST**

**Relative:** RCRA NonGen / NLR:  
**Higher** Date form received by agency: 01/01/2007  
 Facility name: ACME STEEL PARTITION CO INC  
**Actual:** Facility address: 513 PORTER AVE  
**50 ft.** BROOKLYN, NY 11222  
 EPA ID: NYD001281823  
 Mailing address: PORTER AVE  
 BROOKLYN, NY 11222  
 Contact: HY BERSHAN  
 Contact address: PORTER AVE  
 BROOKLYN, NY 11222  
 Contact country: US  
 Contact telephone: (718) 384-7800  
 Contact email: Not reported  
 EPA Region: 02  
 Land type: Facility is not located on Indian land. Additional information is not known.  
 Classification: Non-Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACME STEEL PARTITION CO INC (Continued)**

**1000198707**

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ACME STEEL PARTITION CO INC  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: ACME STEEL PARTITION CO INC  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Site name: ACME STEEL PARTITION CO INC  
Classification: Not a generator, verified

Date form received by agency: 08/15/1980  
Site name: ACME STEEL PARTITION CO INC  
Classification: Not a generator, verified

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 05/19/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACME STEEL PARTITION CO INC (Continued)**

**1000198707**

Date achieved compliance: Not reported  
Evaluation lead agency: State

SHWS:

Program: HW  
Site Code: 405855  
Classification: Significant threat to the public health or environment - action required.  
Region: 2  
Acres: 1.210  
HW Code: 224132  
Record Add: 10/28/2008  
Record Upd: 03/26/2014  
Updated By: JAMORAS

Site Description: Location: The site is located in the Greenpoint/East Williamsburg Industrial Area section of Kings County (Borough of Brooklyn, New York City). The site is located on the east side of Porter Avenue between Anthony and Lombardy Streets. Site Features: The site is covered by several two-story buildings and two (2) separate open lots. The site is surrounded by other commercial and industrial properties. A large National Grid energy facility is located one block south of the site across Lombardy Street. Sergeant William Dougherty Playground is located one block northwest of the site across Anthony Street, and the elevated Brooklyn-Queens Expressway (I-278) is located one block to the north. A small residential area is located one block southwest of the site. Current Zoning/Use(s): The site is zoned for manufacturing. The site is currently used as a marble and granite distribution warehouse and a fruit distribution warehouse at 72 Anthony Street, and a City-Wide truck maintenance shop at 498 Porter Avenue. Historical Use(s): The Department began a Site Characterization in this area during the Spring of 2007 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular location was specifically targeted for investigation based on Sanborn fire insurance map data indicating that the site was utilized as a brass foundry from the 1960's to 1993, and a Department database which lists the site as a generator of F001 waste (spent halogenated solvents used in de-greasing). This investigation was conducted in several phases, and was completed in the Summer of 2009. Based on an extensive records search and several inspections, it was determined that waste paint, waste oil, waste degreasers, and waste water precipitate were generated at the property during site operations. Numerous floor drains with unknown outfall locations existed within the property, and were identified as potential injection wells. Several storage tanks that were used as dip tanks for degreasing products were located in the northeast corner of the site, where evidence of releases existed. In addition, the open lot adjacent to the 72 Anthony Street building was used as a drum storage area that held all chemical wastes from the surrounding ACME facilities. Site Geology and Hydrogeology: The site is underlain by a fill unit (0.5-9' thick), a sand/silty sand unit (~110' thick), a discontinuous clay/silt unit (~1-10' thick) within the sand/silty sand unit at various depths within the site area, a sand and gravel unit (~5' thick), and the Raritan Formation (~130-135' below ground surface). Groundwater is approximately 45-55' below ground surface in the vicinity of the site. Groundwater flows northeast toward Newtown Creek, which lies approximately 2,000' northeast of the site.

Env Problem: Nature and Extent of Contamination:- Groundwater The primary

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACME STEEL PARTITION CO INC (Continued)**

**1000198707**

contaminants of concern at the site are tetrachloroethene (PCE) and trichloroethene (TCE). Both PCE (up to 6,900 ppb) and TCE (up to 12,000 ppb) have been found at concentrations well above the Part 703.5 class GA standard of 5 ppb. The plume of PCE and TCE-contaminated groundwater has migrated at least 400' off-site.- SoilPCE has been found in on-site soils at concentrations up to 220 ppm, which is above the soil cleanup objective for unrestricted use (1.3 ppm).Significant Threat:The site poses a significant environmental threat due to ongoing releases of TCE from source areas into soil and groundwater.

Health Problem: Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses are supplied with public water and contaminants are below the ground surface. Since the possibility exists for vapors from site-related chemicals to migrate into nearby homes and businesses, soil vapor intrusion sampling will continue in the area and data evaluated as they become available.

Dump: False  
Structure: True  
Lagoon: False  
Landfill: False  
Pond: False  
Disp Start: Not reported  
Disp Term: Not reported  
Lat/Long: Not reported  
Dell: Not reported  
Record Add: 10/28/2008 10:35:00 AM  
Record Upd: 9/20/2013 2:00:00 PM  
Updated By: Idennist  
Own Op: Owner  
Sub Type: 01  
Owner Name: MAUREEN BABIS  
Owner Company: NYC IDA  
Owner Address: 110 WILLILAM STREET  
Owner Addr2: Not reported  
Owner City,St,Zip: NEW YORK, NY 10038  
Owner Country: United States of America  
Own Op: On-Site Operator  
Sub Type: 01  
Owner Name: PAUL BURDYN  
Owner Company: ACME ARCHITECTURAL PRODUCTS, INC.  
Owner Address: 251 LOMBARDY STREET  
Owner Addr2: Not reported  
Owner City,St,Zip: BROOKLYN, NY 11222  
Owner Country: United States of America  
Own Op: Document Repository  
Sub Type: C01  
Owner Name: Not reported  
Owner Company: Brooklyn Community Board #1  
Owner Address: 435 Graham Avenue  
Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11222  
Owner Country: United States of America  
Own Op: Document Repository  
Sub Type: C04  
Owner Name: Not reported  
Owner Company: Brooklyn Public Library - Greenpoint Branch  
Owner Address: 107 Norman Avenue

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACME STEEL PARTITION CO INC (Continued)**

**1000198707**

Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11222  
Owner Country: United States of America  
HW Code: 224132  
Waste Type: TRICHLOROETHENE (TCE)  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 224132  
Waste Type: TETRACHLOROETHYLENE (PCE)  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
Crossref ID: 224121  
Cross Ref Type Code: 02  
Cross Ref Type: HW Site ID  
Record Added Date: 1/30/2009 12:36:00 PM  
Record Updated: 1/30/2009 12:36:00 PM  
Updated By: JAAVERSA  
Crossref ID: 224129  
Cross Ref Type Code: 02  
Cross Ref Type: HW Site ID  
Record Added Date: 10/31/2008 2:34:00 PM  
Record Updated: 10/31/2008 2:34:00 PM  
Updated By: MOBARRIE  
Crossref ID: 224130  
Cross Ref Type Code: 02  
Cross Ref Type: HW Site ID  
Record Added Date: 10/31/2008 2:41:00 PM  
Record Updated: 10/31/2008 2:41:00 PM  
Updated By: MOBARRIE  
Crossref ID: 224131  
Cross Ref Type Code: 02  
Cross Ref Type: HW Site ID  
Record Added Date: 10/31/2008 2:42:00 PM  
Record Updated: 10/31/2008 2:42:00 PM  
Updated By: MOBARRIE

**NY MANIFEST:**

EPA ID: NYD001281823  
Country: USA

**Mailing Info:**

Name: ACME STEEL DOOR  
Contact: ACME STEEL DOOR  
Address: 72 ANTHONY STREET  
City/State/Zip: BROOKLYN, NY 11222  
Country: USA  
Phone: 718-384-7800

Document ID: NYB5006232  
Manifest Status: Completed copy  
Trans1 State ID: IA7667  
Trans2 State ID: Not reported  
Generator Ship Date: 920630  
Trans1 Recv Date: 920630  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920701

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACME STEEL PARTITION CO INC (Continued)**

**1000198707**

Part A Recv Date: 920729  
Part B Recv Date: 920717  
Generator EPA ID: NYD001281823  
Trans1 EPA ID: NYD057722258  
Trans2 EPA ID: Not reported  
TSD ID: NYD057722258  
Waste Code: F001 - UNKNOWN  
Quantity: 00330  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 006  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 123  
Year: 92

Document ID: NYB5005296  
Manifest Status: Completed copy  
Trans1 State ID: IA7667  
Trans2 State ID: Not reported  
Generator Ship Date: 920429  
Trans1 Recv Date: 920429  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920430  
Part A Recv Date: Not reported  
Part B Recv Date: 920522  
Generator EPA ID: NYD001281823  
Trans1 EPA ID: NYD057722258  
Trans2 EPA ID: Not reported  
TSD ID: NYD057722258  
Waste Code: F001 - UNKNOWN  
Quantity: 00110  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 123  
Year: 92

Document ID: NYA7056639  
Manifest Status: Completed copy  
Trans1 State ID: 000000000  
Trans2 State ID: 000000000  
Generator Ship Date: 890302  
Trans1 Recv Date: 890302  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 890303  
Part A Recv Date: 890313  
Part B Recv Date: 890310  
Generator EPA ID: NYD001281823  
Trans1 EPA ID: NYD057722258  
Trans2 EPA ID: Not reported  
TSD ID: NYD057722258  
Waste Code: F001 - UNKNOWN  
Quantity: 00220  
Units: G - Gallons (liquids only)\* (8.3 pounds)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACME STEEL PARTITION CO INC (Continued)**

**1000198707**

Number of Containers: 004  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 89

Document ID: NYA7190739  
Manifest Status: Completed copy  
Trans1 State ID: 000000000  
Trans2 State ID: 000000000  
Generator Ship Date: 890510  
Trans1 Recv Date: 890510  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 890512  
Part A Recv Date: 890525  
Part B Recv Date: 890530  
Generator EPA ID: NYD001281823  
Trans1 EPA ID: NYD057722258  
Trans2 EPA ID: Not reported  
TSD ID: NYD057722258  
Waste Code: F001 - UNKNOWN  
Quantity: 00330  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 006  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 89

Document ID: NYB2088045  
Manifest Status: Completed after the designated time period for a TSD ID to get a copy to the DEC  
Trans1 State ID: PA6703  
Trans2 State ID: Not reported  
Generator Ship Date: 891109  
Trans1 Recv Date: 891109  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 891114  
Part A Recv Date: 900104  
Part B Recv Date: 891127  
Generator EPA ID: NYD001281823  
Trans1 EPA ID: NYD057722258  
Trans2 EPA ID: Not reported  
TSD ID: NYD057722258  
Waste Code: F001 - UNKNOWN  
Quantity: 00330  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 006  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 89

Document ID: NYB2079540  
Manifest Status: Completed after the designated time period for a TSD ID to get a copy to the DEC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACME STEEL PARTITION CO INC (Continued)**

**1000198707**

Trans1 State ID: IA7667  
Trans2 State ID: Not reported  
Generator Ship Date: 900620  
Trans1 Recv Date: 900620  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 900621  
Part A Recv Date: 900828  
Part B Recv Date: 900813  
Generator EPA ID: NYD001281823  
Trans1 EPA ID: NYD057722258  
Trans2 EPA ID: Not reported  
TSDF ID: NYD057722258  
Waste Code: F001 - UNKNOWN  
Quantity: 00305  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 004  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 90

Document ID: NYB2092086  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: IA7667  
Trans2 State ID: Not reported  
Generator Ship Date: 901113  
Trans1 Recv Date: 901113  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 901115  
Part A Recv Date: 901214  
Part B Recv Date: 901217  
Generator EPA ID: NYD001281823  
Trans1 EPA ID: NYD057722258  
Trans2 EPA ID: Not reported  
TSDF ID: NYD057722258  
Waste Code: F001 - UNKNOWN  
Quantity: 00054  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 130  
Year: 90

Document ID: NYB2094030  
Manifest Status: Completed copy  
Trans1 State ID: IA7667  
Trans2 State ID: Not reported  
Generator Ship Date: 910617  
Trans1 Recv Date: 910617  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 910619  
Part A Recv Date: 910709  
Part B Recv Date: 910627  
Generator EPA ID: NYD001281823

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACME STEEL PARTITION CO INC (Continued)**

**1000198707**

Trans1 EPA ID: NYD057722258  
Trans2 EPA ID: Not reported  
TSDf ID: NYD057722258  
Waste Code: F001 - UNKNOWN  
Quantity: 00055  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 130  
Year: 91

Document ID: NYB2094786  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: PA6703  
Trans2 State ID: Not reported  
Generator Ship Date: 911002  
Trans1 Recv Date: 911002  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 911004  
Part A Recv Date: 911101  
Part B Recv Date: 911031  
Generator EPA ID: NYD001281823  
Trans1 EPA ID: NYD057722258  
Trans2 EPA ID: Not reported  
TSDf ID: NYD057722258  
Waste Code: F001 - UNKNOWN  
Quantity: 00110  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 130  
Year: 91

187  
ENE  
1/2-1  
0.712 mi.  
3757 ft.

**US ENVIRONMENTAL PROTECTION AGENCY  
C O BCF OIL REFINING SITE  
BROOKLYN, NY 11211**

**CERCLIS 1000272490  
RCRA NonGen / NLR NYD068273044  
NY SHWS  
PRP**

**Relative:  
Lower**

CERCLIS:  
Site ID: 0204261  
EPA ID: NYD068273044  
Facility County: KINGS  
Short Name: BCF OIL REFINING, INC.  
Congressional District: 12  
IFMS ID: 02PU  
SMSA Number: Not reported  
USGC Hydro Unit: Not reported  
Federal Facility: Not a Federal Facility  
DMNSN Number: 0.00000  
Site Orphan Flag: Not reported  
RCRA ID: Not reported  
USGS Quadrangle: Not reported  
Site Init By Prog: R  
NFRAP Flag: Not reported

**Actual:  
13 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**US ENVIRONMENTAL PROTECTION AGENCY (Continued)**

**1000272490**

Parent ID: Not reported  
RST Code: Not reported  
EPA Region: 02  
Classification: Not reported  
Site Settings Code: Not reported  
NPL Status: Not on the NPL  
DMNSN Unit Code: Not reported  
RBRAC Code: Not reported  
RResp Fed Agency Code: Not reported  
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)  
Non NPL Status Date: 07/13/00  
Site Fips Code: 36047  
CC Concurrence Date: / /  
CC Concurrence FY: Not reported  
Alias EPA ID: Not reported  
Site FUDS Flag: Not reported

**CERCLIS Site Contact Name(s):**

Contact ID: 2000051.00000  
Contact Name: TOM BUDROE  
Contact Tel: (732) 906-6191  
Contact Title: On-Scene Coordinator (OSC)  
Contact Email: BUDROE.THOMAS@EPA.GOV

Alias Comments: Not reported

Site Description: Oil refinery containing approximately one half million gallons of PCB contaminated waste oil. The owner has been in negotiations with the NYSDEC, but has decided to walk away and have the government perform the cleanup. The site has been determined to be removal eligible. Richard Gardineer, from DEP informed EPA that DEP wants to wait for the removal action results before doing a PA at the site.

**CERCLIS Assessment History:**

Action Code: 001  
Action: REMOVAL ASSESSMENT  
Date Started: 03/27/00  
Date Completed: 03/29/00  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: Notice Letters Issued  
Date Started: / /  
Date Completed: 04/28/00  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**US ENVIRONMENTAL PROTECTION AGENCY (Continued)**

**1000272490**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: ISSUE REQUEST LETTERS (104E)  
Date Started: / /  
Date Completed: 04/28/00  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: ISSUE REQUEST LETTERS (104E)  
Date Started: / /  
Date Completed: 05/23/00  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: Notice Letters Issued  
Date Started: / /  
Date Completed: 05/23/00  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: REMOVAL NEGOTIATIONS  
Date Started: 04/28/00  
Date Completed: 11/06/00  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**US ENVIRONMENTAL PROTECTION AGENCY (Continued)**

**1000272490**

Action Code: 001  
Action: UNILATERAL ADMIN ORDER  
Date Started: / /  
Date Completed: 11/06/00  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: REMOVAL  
Date Started: 05/25/00  
Date Completed: 01/02/01  
Priority Level: Stabilized  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Time Critical  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: REMOVAL  
Date Started: 01/03/01  
Date Completed: 10/26/01  
Priority Level: Stabilized  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Primary  
Urgency Indicator: Time Critical  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH  
Date Started: 03/27/00  
Date Completed: 08/23/02  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: COST RECOVERY NEGOTIATIONS  
Date Started: 08/23/02  
Date Completed: 09/30/03

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**US ENVIRONMENTAL PROTECTION AGENCY (Continued)**

**1000272490**

Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: SECTION 107 LITIGATION  
Date Started: 09/30/03  
Date Completed: 01/09/07  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001  
Action: JUDICIAL/CIVIL JUDGMENT  
Date Started: / /  
Date Completed: 01/09/07  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002  
Action: JUDICIAL/CIVIL JUDGMENT  
Date Started: / /  
Date Completed: 07/08/10  
Priority Level: Not reported  
Operable Unit: SITEWIDE  
Primary Responsibility: Federal Enforcement  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

[Click this hyperlink](#) while viewing on your computer to access  
111 additional US CERCLIS Financial: record(s) in the EDR Site Report.

**RCRA NonGen / NLR:**

Date form received by agency: 01/01/2007  
Facility name: US ENVIRONMENTAL PROTECTION AGENCY  
Facility address: C O BCF OIL REFINING SITE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**US ENVIRONMENTAL PROTECTION AGENCY (Continued)**

**1000272490**

360-362 MASPETH AVE  
BROOKLYN, NY 11211  
EPA ID: NYD068273044  
Mailing address: WOODBRIDGE AVE 360-3  
62 MASPETH AVE  
EDISON, NJ 08837  
Contact: THOMAS P BUDROE  
Contact address: WOODBRIDGE AVE 360-3  
EDISON, NJ 08837  
Contact country: US  
Contact telephone: (732) 906-6191  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: Not reported  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: Not reported  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**US ENVIRONMENTAL PROTECTION AGENCY (Continued)**

**1000272490**

Site name: US ENVIRONMENTAL PROTECTION AGENCY  
Classification: Not a generator, verified

Date form received by agency: 02/27/2002

Site name: US ENVIRONMENTAL PROTECTION AGENCY  
Classification: Large Quantity Generator

Date form received by agency: 11/14/1984

Site name: TANKS-A-LOT INC  
Classification: Unverified

Violation Status: No violations found

**SHWS:**

Program: HW  
Site Code: 56747  
Classification: N  
Region: 2  
Acres: 1.900  
HW Code: 224034  
Record Add: 07/14/2004  
Record Upd: 04/13/2011  
Updated By: JAQUINN

Site Description: The BCF Oil site is located within an urban, industrialized area of East Williamsburg, Brooklyn. Previously existing buildings and above ground storage tanks have been removed, and the property is being used as a Marshall's impound lot. A National Grid facility borders the site on the north, Newtown Creek on the south, a city automobile impound lot on the east and a scrap metal processing facility on the west. The total area is 1.9 acres, of which 0.3 acres is land under water. The property was used as a petroleum distribution facility for many years, starting in the early 1900's. In 1980, the terminal was modified for use as a waste oil processing facility, and was used for waste oil recycling from 1980 to 1994. Routine sampling detected PCBs in the waste oil, and operations ceased in 1994. The property is zoned M3 (manufacturing/industrial), and it is currently used to store impounded automobiles. The site consists primarily of historic fill placed upon wetlands. Groundwater exists approximately 5 to 10 feet below grade and flows both to the north and south from the site. A remedial investigation of the site has been completed. The site was managed as a single operable unit. See also NYSDEC spill #9406807

Env Problem: Based upon investigations conducted to date, the primary contaminant of concern at the site are those associated with petroleum. Separate phase petroleum contamination has been detected in numerous locations, although mobile product may be more limited. The site was extensively assessed for PCB contamination, but no significant levels of PCBs were detected on site. PCBs were detected in the Newtown Creek sediment, but the sediment contamination appears to be part of a larger problem and not related to releases from the site. A significant threat created by the potential for release of PCB-contaminated oil stored in dilapidated storage tank areas was eliminated by a removal action performed by the USEPA in 2000/2001.

Health Problem: Not reported  
Dump: Not reported  
Structure: Not reported  
Lagoon: Not reported  
Landfill: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**US ENVIRONMENTAL PROTECTION AGENCY (Continued)**

**1000272490**

Pond: Not reported  
 Disp Start: Not reported  
 Disp Term: Not reported  
 Lat/Long: Not reported  
 Dell: Not reported  
 Record Add: Not reported  
 Record Upd: Not reported  
 Updated By: Not reported  
 Own Op: Document Repository  
 Sub Type: C01  
 Owner Name: Gerald Esposito  
 Owner Company: Brooklyn Community Board 1  
 Owner Address: Brooklyn Community Board 1  
 Owner Addr2: 435 Graham Ave  
 Owner City,St,Zip: Brooklyn, NY 11211  
 Owner Country: United States of America  
 Own Op: Owner  
 Sub Type: NNN  
 Owner Name: C/O SETH D. FRIEDLAND, ESQ.  
 Owner Company: NEWTON DEVELOPMENT LLC  
 Owner Address: 62 WILLIAM STREET  
 Owner Addr2: THIRD FLOOR  
 Owner City,St,Zip: NEW YORK, NY 10005  
 Owner Country: United States of America  
 Own Op: Document Repository  
 Sub Type: NNN  
 Owner Name: Shelly Paus  
 Owner Company: Brooklyn Public Library, Leonard Branch  
 Owner Address: Brooklyn Public Library, Leonard Branch  
 Owner Addr2: 81 Devoe St.  
 Owner City,St,Zip: Brooklyn, NY 11211  
 Owner Country: United States of America  
 HW Code: Not reported  
 Waste Type: Not reported  
 Waste Quantity: Not reported  
 Waste Code: Not reported  
 Crossref ID: Not reported  
 Cross Ref Type Code: Not reported  
 Cross Ref Type: Not reported  
 Record Added Date: Not reported  
 Record Updated: Not reported  
 Updated By: Not reported

PRP:  
 PRP name: BCF OIL REFINING INC  
 CARY FIELDS

188  
 NE  
 1/2-1  
 0.740 mi.  
 3907 ft.

**FORMER LOMBARDY STREET LACQUER AND SOAP MFG.**  
**171 LOMBARDY STREET**  
**BROOKLYN, NY 11222**

**NY SHWS S102637940**  
**NY CBS AST N/A**  
**NY CBS**

**Relative:  
 Higher**

SHWS:  
 Program: HW  
 Site Code: 486951  
 Classification: Significant threat to the public health or environment - action

**Actual:  
 53 ft.**

MAP FINDINGS

**FORMER LOMBARDY STREET LACQUER AND SOAP MFG. (Continued)**

**S102637940**

required.

Region: 2

Acres: .460

HW Code: 224182

Record Add: 09/17/2013

Record Upd: 03/26/2014

Updated By: JAMORAS

Site Description: Location: The site is located in the Greenpoint/East Williamsburg Industrial Area section of Kings County (Borough of Brooklyn, New York City). The site is located on the northeast corner of the intersection of Lombardy Street and Varick Avenue. Site Features: The site is completely covered by 2 masonry block buildings. Current Zoning and Land Use(s): The site is zoned for manufacturing. The site is currently utilized as a warehouse. Numerous commercial and industrial properties are located to the north, east, and west of the site. A National Grid energy facility is located south of the site across Lombardy Street. The Brooklyn-Queens Expressway (I-278) is located 1 block north of the site. A residential area is located 2 blocks southwest of the site. Newtown Creek is located 4 blocks east of the site. Past Use(s) of the Site: The Department began a Site Characterization in this area during the Summer of 2011 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular area was specifically targeted for investigation based on its previous use as a soap and lacquer manufacturer, and on data collected by the Department during investigations conducted at an adjacent site between 2007-2009 (ACME Steel - Brass Foundry) which indicated the presence of an additional source area along Varick Avenue between Anthony and Lombardy Streets. This investigation was conducted in several phases, and was completed in the Spring of 2013. Site Geology and Hydrogeology: The site is underlain by a sand unit (~110' thick) with a discontinuous clayey silt/silty sand unit within the sand unit, and the Raritan formation. Groundwater is approximately 45-50' below ground surface in the vicinity of the site. Groundwater flows north towards Newtown Creek, which lies approximately 1,600' northeast of the site.

Env Problem: Nature and Extent of Contamination: - Groundwater The primary contaminant of concern at the site is tetrachloroethene (PCE). PCE has been found in shallow groundwater at concentrations up to 8,400 ppb, and in deep groundwater up to 20,000 ppb, well above the Part 703.5 class GA standard of 5 ppb. - Soil PCE has been found in soil up to 23,000 ppm @ 1-1.5' below grade adjacent to a site-related cesspool, which is well above the soil cleanup objective for unrestricted use (1.3 ppm). Significant Threat: The site poses a significant environmental threat due to the ongoing release of PCE from source areas into soil and groundwater and a significant threat to public health due to the concentrations of PCE detected in groundwater and soil, in conjunction with the proximity of occupied structures.

Health Problem: Direct contact with contaminants in the soil is unlikely because the site is covered with buildings and pavement. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER LOMBARDY STREET LACQUER AND SOAP MFG. (Continued)**

**S102637940**

potential for soil vapor intrusion to occur in on-site structures should be evaluated. In addition, off-site sampling indicates soil vapor intrusion is a concern for off-site buildings.

Dump: False  
Structure: True  
Lagoon: False  
Landfill: False  
Pond: False  
Disp Start: Not reported  
Disp Term: Not reported  
Lat/Long: Not reported  
Dell: Not reported  
Record Add: 9/18/2013 11:54:00 AM  
Record Upd: 9/18/2013 11:54:00 AM  
Updated By: DKHARRIN  
Own Op: Owner  
Sub Type: 01  
Owner Name: Not reported  
Owner Company: 20 Rewe Street Ltd.  
Owner Address: 885 Conklin Street  
Owner Addr2: Not reported  
Owner City,St,Zip: Farmingdale, NY 11735-2400  
Owner Country: United States of America  
HW Code: 224182  
Waste Type: TETRACHLOROETHYLENE (PCE)  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
Crossref ID: Not reported  
Cross Ref Type Code: Not reported  
Cross Ref Type: Not reported  
Record Added Date: Not reported  
Record Updated: Not reported  
Updated By: Not reported

**CBS AST:**

CBS Number: 2-000036  
ICS Number: 2-125127  
PBS Number: Not reported  
MOSF Number: Not reported  
SPDES Number: Not reported  
Facility Status: TEMPORARILY OUT-OF-SERVICE  
Facility Type: Not reported  
Telephone: (718) 388-2056  
Facility Town: NEW YORK CITY  
Region: STATE  
Expiration Date: 04/28/1991  
Total Capacity of All Active Tanks(gal): 0  
Operator: KENNETH GOLDSTEIN  
Emergency Contact: FRANK TERRANOVA  
Emergency Phone: (516) 358-9276  
Owner Name: CHLORAL CHEMICAL CORP.  
Owner Address: 171 LOMBARDY ST.  
Owner City,St,Zip: BROOKLYN, NY 11222  
Owner Telephone: (718) 388-2056  
Owner Type: Corporate/Commercial  
Owner Sub Type: Not reported  
Mail Name: CHLORAL CHEMICAL CORP.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER LOMBARDY STREET LACQUER AND SOAP MFG. (Continued)**

**S102637940**

Mail Contact Addr: 171 LOMBARDY ST.  
Mail Contact Addr2: Not reported  
Mail Contact Contact: FRANK TERRANOVA  
Mail Contact City,St,Zip: BROOKLYN, NY 11222  
Mail Phone: (718) 388-2056

Tank Id: 00002  
CAS Number: 7782505  
Federal ID: Not reported  
Tank Status: Not reported  
Install Date: 06/88  
Tank Closed: 00/00  
Capacity (Gal): 400  
Chemical: Chlorine  
Tank Location: Indoors, Aboveground  
Tank Type: Fiberglass reinforced plastic [FRP]  
Total Tanks: 0  
Tank Secret: False  
Tank Secondary Containment: Other  
Tank Error Status: 2  
Date Entered: 04/28/1989  
Certified Date: 04/28/1989  
Substance: Not reported  
Internal Protection: Not reported  
External Protection: Not reported  
Pipe Location: Not reported  
Pipe Type: Unknown  
Pipe Internal: Not reported  
Pipe External: Not reported  
Pipe Flag: False  
Leak Detection: Not reported  
Overfill Protection: Not reported  
Haz Percent: 0  
Last Test: Not reported  
Due Date: Not reported  
SWIS Code: 6101  
Lat/Long: Not reported  
Is Updated: False  
Renew Date: 02/12/91  
Is It There: False  
Delinquent: False  
Date Expired: 04/28/91  
Owner Mark: 1  
Certificate Needs to be Printed: False  
Fiscal Amt for Registration Fee Correct: True  
Renewal Has Been Printed for Facility: True  
Pre-Printed Renewal App Last Printed: 02/12/1991

Tank Id: 00001  
CAS Number: 7782505  
Federal ID: Not reported  
Tank Status: Not reported  
Install Date: 06/88  
Tank Closed: 00/00  
Capacity (Gal): 400  
Chemical: Chlorine

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER LOMBARDY STREET LACQUER AND SOAP MFG. (Continued)**

**S102637940**

Tank Location: Indoors, Aboveground  
Tank Type: Fiberglass reinforced plastic [FRP]  
Total Tanks: 0  
Tank Secret: False  
Tank Secondary Containment: Other  
Tank Error Status: 2  
Date Entered: 04/28/1989  
Certified Date: 04/28/1989  
Substance: Not reported  
Internal Protection: Not reported  
External Protection: Not reported  
Pipe Location: Not reported  
Pipe Type: Unknown  
Pipe Internal: Not reported  
Pipe External: Not reported  
Pipe Flag: False  
Leak Detection: Not reported  
Overfill Protection: Not reported  
Haz Percent: 0  
Last Test: Not reported  
Due Date: Not reported  
SWIS Code: 6101  
Lat/Long: Not reported  
Is Updated: False  
Renew Date: 02/12/91  
Is It There: False  
Delinquent: False  
Date Expired: 04/28/91  
Owner Mark: 1  
Certificate Needs to be Printed: False  
Fiscal Amt for Registration Fee Correct: True  
Renewal Has Been Printed for Facility: True  
Pre-Printed Renewal App Last Printed: 02/12/1991

**CBS:**

CBS Number: 2-000036  
Program Type: CBS  
Facility Status: Unregulated  
Expiration Date: Not reported  
Dec Region: 2  
UTMX: 590028.18240000  
UTMY: 4508603.6046700

189  
ESE  
1/2-1  
0.771 mi.  
4072 ft.

**VARICK AVENUE  
165 VARICK AVENUE  
BROOKLYN, NY 10013**

**NY SHWS S105973022  
N/A**

**Relative:  
Lower**

**SHWS:**

Program: HW  
Site Code: 55914  
Classification: N  
Region: 2  
Acres: 3.540  
HW Code: 224017  
Record Add: 11/18/1999

**Actual:  
12 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VARICK AVENUE (Continued)**

**S105973022**

Record Upd: 04/03/2007  
Updated By: KALEWAND  
Site Description: This property is located in Brooklyn (Block #2962 - lots 1, 5, & 37), and is owned by Rhino Trust (Albert Realty Co.). The site is a vacant lot, except for two, one-story shed buildings in a state of disrepair. The site has a development history dating back to the early 1900's; site uses have included an asphalt paving company and a lumber company. As a result of an environmental survey of this site conducted in 1988 and 1989, traces of 4-chloroaniline, pentachlorophenol, butyl-benzylphthalate; di-N-butylphthalate and flouranthene were found. Metals and total petroleum hydrocarbons were also found in the soils, surface and groundwater. Contamination of soils by metals was found to include: silver, barium, cadmium, chromium, iron, lead and copper. Concentrations of metals in the groundwater exceeded groundwater quality standards for lead and iron. Rhino Trust has carried out a supplemental site assessment under a consent order in the summer of 1992. An interpretation of the analytical results from the previous investigation has been inconclusive due to data gaps in the reports. Rhino Trust performed a Supplemental Site Assessment, and the fieldwork was completed in 1994. The PRP has removed the contaminated soils. Hazardous waste is no longer present and significant threat no longer exists.

Env Problem: Contaminated soils have been removed but groundwater contamination evidently due to construction and demolition debris (non-hazardous), still exists.

Health Problem: Not reported  
Dump: Not reported  
Structure: Not reported  
Lagoon: Not reported  
Landfill: Not reported  
Pond: Not reported  
Disp Start: Not reported  
Disp Term: Not reported  
Lat/Long: Not reported  
Dell: Not reported  
Record Add: Not reported  
Record Upd: Not reported  
Updated By: Not reported  
Own Op: Disp. Owner  
Sub Type: NNN  
Owner Name: Not reported  
Owner Company: MULTIPLE OWNERS  
Owner Address: Not reported  
Owner Addr2: Not reported  
Owner City,St,Zip: NY  
Owner Country: Unknown  
Own Op: Owner  
Sub Type: E  
Owner Name: Not reported  
Owner Company: Rhino Trust  
Owner Address: P.O. BOX 637  
Owner Addr2: Not reported  
Owner City,St,Zip: ASPEN, CO 81612  
Owner Country: United States of America  
Own Op: Owner  
Sub Type: E  
Owner Name: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VARICK AVENUE (Continued)**

**S105973022**

Owner Company: \*\*\* MULTIPLE OWNERS \*\*\*  
 Owner Address: P.O. BOX 637  
 Owner Addr2: Not reported  
 Owner City,St,Zip: ASPEN, CO 81612  
 Owner Country: United States of America  
 HW Code: Not reported  
 Waste Type: Not reported  
 Waste Quantity: Not reported  
 Waste Code: Not reported  
 Crossref ID: Not reported  
 Cross Ref Type Code: Not reported  
 Cross Ref Type: Not reported  
 Record Added Date: Not reported  
 Record Updated: Not reported  
 Updated By: Not reported

**190**  
**NW**  
**1/2-1**  
**0.850 mi.**  
**4490 ft.**

**WYTHE AVE. (BERRY ST.) STATION**  
**WYTHE AVE., BERRY ST., N 12TH AND 13TH ST**  
**BROOKLYN, NY 11211**

**EDR MGP 1008407903**  
**N/A**

**Relative:** Manufactured Gas Plants:  
**Lower** No additional information available

**Actual:**  
**17 ft.**

**191**  
**North**  
**1/2-1**  
**0.852 mi.**  
**4500 ft.**

**FORMER SPIC AND SPAN CLEANERS AND DYERS INC.**  
**315 KINGSLAND AVENUE**  
**BROOKLYN, NY 11222**

**NY SHWS S109416408**  
**N/A**

**Relative:** SHWS:  
**Lower** Program: HW  
 Site Code: 405850  
 Classification: Significant threat to the public health or environment - action required.

**Actual:**  
**20 ft.**

Region: 2  
 Acres: .510  
 HW Code: 224129  
 Record Add: 10/28/2008  
 Record Upd: 03/26/2014  
 Updated By: JAMORAS  
 Site Description: Location:The site is located in the Greenpoint section of Kings County (Borough of Brooklyn, New York City). The site is located on the southwest corner of the intersection of Kingsland and Norman Avenues. Site Features:The site is completely covered by multiple buildings of varying construction and height. Numerous other commercial and industrial properties are located to the north, east, and west of the site. A large residential area is located immediately south of the site, and extends south along both Kingsland Avenue and Monitor Street. A large sewage treatment plan is ~1/2 mile north of the site. Current Zoning/Use(s):The site is zoned for both residential and light manufacturing. The site is partially occupied, and is utilized for a variety of purposes (residential, warehousing,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER SPIC AND SPAN CLEANERS AND DYERS INC. (Continued)**

**S109416408**

etc.). Historical Use(s):The Department began a Site Characterization in this area during the Spring of 2007 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular location was specifically targeted for investigation based on Sanborn fire insurance map data indicating that the site was operated by Spic and Span Cleaners and Dyers, Inc. (a.k.a. Eastern District Dye Works) from the early 1900's until the mid-1960's. This investigation was conducted in several phases, and was completed in the Summer of 2009. Site Geology and Hydrogeology: The site is underlain by a fill unit (0.5-10' thick), a stratified sand unit with some to no fines (over 120' thick), a discontinuous glacial till unit within the sand unit (0.5-50' thick), a discontinuous clayey silt unit within the sand unit (0.5-25' thick), and the Raritan Formation (~138.5' below ground surface). Groundwater is approximately 11-25' below ground surface in the vicinity of the site. Groundwater flows north to northeast toward Newtown Creek, which lies approximately 1,300' northeast of the site.

Env Problem: Nature and Extent of Contamination:- GroundwaterThe primary contaminant of concern at the site is tetrachloroethene (PCE). PCE has been found in shallow groundwater at concentrations up to 39,000 ppb, and in deep groundwater at concentrations up to 120,000 ppb, well above the Part 703.5 class GA standard of 5 ppb. PCE DNAPL has also been found on-site at concentrations up to 730,000 ppm (73%) in deep monitoring wells. Trichloroethene (up to 5,000 ppb), cis-1,2-dichloroethene (up to 14,000 ppb), and vinyl chloride (up to 3,200 ppb) have also been found in shallow groundwater at concentrations above their respective Part 703.5 class GA standards (5 ppb each).- SoilPCE has been found in soil up to 290,000 ppm, well above the soil cleanup objective for unrestricted use (1.3 ppm).-Soil Vapor and Indoor AirConcentrations of PCE in soil vapor have been found up to 8,200,000 ug/m<sup>3</sup>, and in indoor air up to 170 ug/m<sup>3</sup>. Concentrations of TCE in soil vapor have been found up to 32,000 ug/m<sup>3</sup>, and in indoor air up to 12 ug/m<sup>3</sup>. Significant Threat:The site poses a significant environmental threat due to ongoing release of PCE from source areas into soil and groundwater.

Health Problem: Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses are supplied with public water and contaminants are below the ground surface. Since the possibility exists for vapors from site-related chemicals to migrate into nearby homes and businesses, soil vapor intrusion sampling will continue in the area and data evaluated as they become available.

Dump: False  
Structure: True  
Lagoon: False  
Landfill: False  
Pond: False  
Disp Start: Not reported  
Disp Term: Not reported  
Lat/Long: Not reported  
Dell: Not reported  
Record Add: 10/28/2008 12:22:00 PM  
Record Upd: 9/20/2013 2:09:00 PM  
Updated By: Idennist  
Own Op: Owner  
Sub Type: 01  
Owner Name: Not reported  
Owner Company: DELTA PROPERTY ASSOCIATES

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER SPIC AND SPAN CLEANERS AND DYERS INC. (Continued)**

**S109416408**

Owner Address: 260 NORMAN AVENUE  
Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11222  
Owner Country: United States of America  
Own Op: Document Repository  
Sub Type: C04  
Owner Name: Not reported  
Owner Company: Brooklyn Public Library - Greenpoint Branch  
Owner Address: 107 Norman Avenue  
Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11222  
Owner Country: United States of America  
Own Op: Owner  
Sub Type: 05  
Owner Name: Jean Chau  
Owner Company: DOUBLE STAR REALESTATE, INC.  
Owner Address: 307 KINGSLAND AVENUE  
Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11222  
Owner Country: United States of America  
Own Op: Document Repository  
Sub Type: C01  
Owner Name: Not reported  
Owner Company: Brooklyn Community Board #1  
Owner Address: 435 Graham Avenue  
Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11222  
Owner Country: United States of America  
Own Op: Owner  
Sub Type: 05  
Owner Name: FRANK CHAN  
Owner Company: DOUBLE STAR REALESTATE, INC.  
Owner Address: 307 KINGSLAND AVENUE  
Owner Addr2: Not reported  
Owner City,St,Zip: Brooklyn, NY 11222  
Owner Country: United States of America  
Own Op: Owner  
Sub Type: 05  
Owner Name: Sam Gee  
Owner Company: Delta Property Associates  
Owner Address: 276 Grand Street  
Owner Addr2: Not reported  
Owner City,St,Zip: New York, NY 10002  
Owner Country: United States of America  
HW Code: 224129  
Waste Type: TETRACHLOROETHYLENE (PCE)  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
Crossref ID: 224132  
Cross Ref Type Code: 02  
Cross Ref Type: HW Site ID  
Record Added Date: 10/31/2008 2:34:00 PM  
Record Updated: 10/31/2008 2:34:00 PM  
Updated By: MOBARRIE  
Crossref ID: 224131  
Cross Ref Type Code: 02  
Cross Ref Type: HW Site ID

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FORMER SPIC AND SPAN CLEANERS AND DYERS INC. (Continued)**

**S109416408**

Record Added Date: 10/31/2008 2:34:00 PM  
 Record Updated: 10/31/2008 2:34:00 PM  
 Updated By: MOBARRIE  
 Crossref ID: 224130  
 Cross Ref Type Code: 02  
 Cross Ref Type: HW Site ID  
 Record Added Date: 10/31/2008 2:34:00 PM  
 Record Updated: 10/31/2008 2:34:00 PM  
 Updated By: MOBARRIE  
 Crossref ID: 224121  
 Cross Ref Type Code: 02  
 Cross Ref Type: HW Site ID  
 Record Added Date: 1/30/2009 12:35:00 PM  
 Record Updated: 1/30/2009 12:35:00 PM  
 Updated By: JAAVERSA

**AL192  
 NW  
 1/2-1  
 0.984 mi.  
 5196 ft.**

**K - WILLIAMSBURG WORKS  
 KENT AVE & 12TH STREET  
 BROOKLYN, NY 11211  
 Site 1 of 2 in cluster AL**

**NY SHWS S109209078  
 NY BROWNFIELDS N/A**

**Relative:  
 Lower**

**SHWS:**  
 Program: HW  
 Site Code: 372653  
 Classification: A  
 Region: 2  
 Acres: 4.700  
 HW Code: 224055  
 Record Add: 10/27/2006  
 Record Upd: 10/31/2013  
 Updated By: GWXCROSS

**Actual:  
 11 ft.**

**Site Description:** Location: Transition from V00704 and C224055. The Williamsburg Works Manufactured Gas Plant (MGP) site is located in a commercial/industrial area in the Williamsburg section of Brooklyn New York in Kings County. The site is composed of three parcels of land located on the east bank of the East River between North 11th and North 12th Streets on the west and east sides of Kent Avenue. Site features: Site features include a vacant asphalt paved lot two large document storage warehouses ,a one-story glass fabrication factory that is currently vacant and a petroleum terminal. Current zoning and land use: The area is zoned Industrial/Commercial. The vacant lot is owned by the NYC Parks and Recreation Department and used as an outdoor music venue. The document storage warehouses are in active use and the petroleum storage facility is being purchased by NYC Parks to be included in the Bushwick Inlet Park. The nearest residential property is located approximately 1 block to the south. Past use of the site: A manufactured gas plant operated on the site from at least 1887 to 1916. Following the decommissioning of the MGP, the now vacant lot was occupied by a NYC Department of Sanitation Garage that was demolished around 2000. The City of NY has identified this site for construction of a proposed waterfront park, which would extend far beyond site boundaries to the north and south. A Pre-Design Investigation for an IRM on the Parcel owned by NYC began in early 2012 and is scheduled to conclude in late 2012. The construction phase of the IRM is scheduled for late 2014/early 2015. The RI, begun in 2009 should be completed in the Autumn/winter of 2013. Site Geology and Hydrogeology: The site is underlain by: urban fill and

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - WILLIAMSBURG WORKS (Continued)**

**S109209078**

varied glacial sediments consisting of outwash sand and gravel, till, and lenticular clay more than 100 feet in thickness. The groundwater table is approximately 7 feet below ground surface. Groundwater flows to the west, toward the East River.

Env Problem: According to the USEPA, a preliminary assessment (PA) was prepared for the site dated September 24, 1986. A copy of the PA was not supplied with the application. The environmental assessment for this site has not yet been completed. The site is the confirmed location of a historic MGP. MGPs have known onsite by products of DNAPL and purifier waste. The materials are made up of BTEX, PAHs, and cyanide. The DNAPL causes contravention of both groundwater and soil SCGs. The site is also adjacent to the East River and several public and private buildings, including residences. DNAPL is known to migrate into surface water bodies, contaminating sediment. The BTEX components are also known to contribute to soil vapor issues. There are already reports of tar seeping into the East River and tar has been found on an adjacent property.

Health Problem: The NYSDOH will evaluate the potential for impacts to public health from exposure to site contaminants once sufficient information from the investigation of the site becomes available for review.

Dump: False  
Structure: False  
Lagoon: False  
Landfill: False  
Pond: False  
Disp Start: Not reported  
Disp Term: Not reported  
Lat/Long: Not reported  
Dell: Not reported  
Record Add: 9/20/2013 2:19:00 PM  
Record Upd: 9/20/2013 2:19:00 PM  
Updated By: Idennist  
Own Op: Not reported  
Sub Type: Not reported  
Owner Name: Not reported  
Owner Company: Not reported  
Owner Address: Not reported  
Owner Addr2: Not reported  
Owner City,St,Zip: Not reported  
Owner Country: Not reported  
HW Code: 224055  
Waste Type: COAL TAR  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 224055  
Waste Type: COAL TAR  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
Crossref ID: 224028  
Cross Ref Type Code: 02  
Cross Ref Type: HW Site ID  
Record Added Date: 11/20/2009 3:19:00 PM  
Record Updated: 11/20/2009 3:19:00 PM  
Updated By: MOBARRIE

**BROWNFIELDS:**

Program: BCP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K - WILLIAMSBURG WORKS (Continued)**

**S109209078**

Site Code: 58606  
Site Description: See Site 224055  
Env Problem: Not reported  
Health Problem: Not reported

**AL193**  
**WNW**  
**1/2-1**  
**0.990 mi.**  
**5228 ft.**

**BROOKLYN NORTH 1 GARAGE**  
**50 KENT AVENUE**  
**BROOKLYN, NY 11211**  
**Site 2 of 2 in cluster AL**

**NY SHWS** **U003074882**  
**NY HIST UST** **N/A**  
**NY AST**  
**NY HIST AST**

**Relative:**  
**Lower**

SHWS:

Program: HW  
Site Code: 338766  
Classification: N  
Region: 2  
Acres: Not reported  
HW Code: 224028  
Record Add: 11/18/1999  
Record Upd: 11/20/2009  
Updated By: MOBARRIE

**Actual:**  
**14 ft.**

Site Description: The site is being addressed under site no. 224055 (Williamsburg Works MGP).

Env Problem: Not reported  
Health Problem: Not reported  
Dump: Not reported  
Structure: Not reported  
Lagoon: Not reported  
Landfill: Not reported  
Pond: Not reported  
Disp Start: Not reported  
Disp Term: Not reported  
Lat/Long: Not reported  
Dell: Not reported  
Record Add: Not reported  
Record Upd: Not reported  
Updated By: Not reported  
Own Op: Not reported  
Sub Type: Not reported  
Owner Name: Not reported  
Owner Company: Not reported  
Owner Address: Not reported  
Owner Addr2: Not reported  
Owner City,St,Zip: Not reported  
Owner Country: Not reported  
HW Code: Not reported  
Waste Type: Not reported  
Waste Quantity: Not reported  
Waste Code: Not reported  
Crossref ID: Not reported  
Cross Ref Type Code: Not reported  
Cross Ref Type: Not reported  
Record Added Date: Not reported  
Record Updated: Not reported  
Updated By: Not reported

HIST UST:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN NORTH 1 GARAGE (Continued)**

**U003074882**

PBS Number: 2-456098  
SPDES Number: Not reported  
Emergency Contact: BUREAU OF CLEANING & COLLECTION  
Emergency Telephone: (212) 788-4074  
Operator: NYC DEPT. OF SANITATION, BCC  
Operator Telephone: (718) 387-5426  
Owner Name: 50 KENT AVENUE ASSOC. L.P. C/O ED KIRTMAN  
Owner Address: 605 THIRD AVENUE, 33RD FLOOR  
Owner City,St,Zip: NEW YORK, NY 10158  
Owner Telephone: (212) 490-2727  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Name: NYC DEPT. OF SANITATION  
Mailing Address: 125 WORTH STREET  
Mailing Address 2: ROOM # 823B  
Mailing City,St,Zip: NEW YORK, NY 10013  
Mailing Contact: CHIEF OF FAC. OPERT. LEG.  
Mailing Telephone: (212) 788-4074  
Owner Mark: Second Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Facility Addr2: 50 KENT AVENUE  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: OTHER  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: 03/23/1999  
Expiration Date: 06/07/2005  
Renew Flag: False  
Renewal Date: Not reported  
Total Capacity: 14925  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: Minor Data Missing  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2  
  
Tank Id: 001  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (gals): 2000  
Product Stored: DIESEL  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: Painted/Asphalt Coating  
Pipe Location: Underground

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN NORTH 1 GARAGE (Continued)**

**U003074882**

Pipe Type: GALVANIZED STEEL  
Pipe Internal: None  
Pipe External: None  
Second Containment: None  
Leak Detection: None  
Overfill Prot: Product Level Gauge  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: 12/27/1987  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 002  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (gals): 2000  
Product Stored: DIESEL  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: Painted/Asphalt Coating  
Pipe Location: Underground  
Pipe Type: GALVANIZED STEEL  
Pipe Internal: None  
Pipe External: None  
Second Containment: None  
Leak Detection: None  
Overfill Prot: Product Level Gauge  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: 12/27/1987  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 003  
Tank Location: UNDERGROUND  
Tank Status: Closed-In Place  
Install Date: Not reported  
Capacity (gals): 2000  
Product Stored: UNLEADED GASOLINE  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: Painted/Asphalt Coating  
Pipe Location: Underground  
Pipe Type: GALVANIZED STEEL  
Pipe Internal: None  
Pipe External: None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN NORTH 1 GARAGE (Continued)**

**U003074882**

Second Containment: None  
Leak Detection: None  
Overfill Prot: Product Level Gauge  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: 02/01/1995  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

**AST:**

Region: STATE  
DEC Region: 2  
Site Status: Unregulated/Closed  
Facility Id: 2-456098  
Program Type: PBS  
UTM X: 587916.57629  
UTM Y: 4508454.764569997  
Expiration Date: 05/17/2010  
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

**Affiliation Records:**

Site Id: 20092  
Affiliation Type: Mail Contact  
Company Name: NYC DEPT. OF SANITATION  
Contact Type: Not reported  
Contact Name: FACILITIES OFFICE  
Address1: 125 WORTH STREET  
Address2: ROOM 823  
City: NEW YORK  
State: NY  
Zip Code: 10013  
Country Code: 001  
Phone: (646) 885-4874  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 20092  
Affiliation Type: On-Site Operator  
Company Name: DSNY BROOKLYN DISTRICT 1 GARAGE  
Contact Type: Not reported  
Contact Name: GARAGE SUPERVISOR  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 387-5426  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN NORTH 1 GARAGE (Continued)**

**U003074882**

Date Last Modified: 3/4/2004  
  
Site Id: 20092  
Affiliation Type: Emergency Contact  
Company Name: NYC DEPT. OF SANITATION  
Contact Type: Not reported  
Contact Name: BUREAU OF CLEANING & COLLECTIONS  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (646) 885-4874  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 8/20/2010

Site Id: 20092  
Affiliation Type: Facility Owner  
Company Name: NYC DEPT. OF SANITATION  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 125 WORTH STREET RM 823  
Address2: Not reported  
City: NEW YORK  
State: NY  
Zip Code: 10013  
Country Code: 001  
Phone: (646) 885-4874  
EMail: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 1/28/2010

**Tank Info:**

Tank Number: 1  
Tank Id: 53846  
Material Code: 0008  
Common Name of Substance: Diesel

**Equipment Records:**

B04 - Tank External Protection - Fiberglass  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm  
B01 - Tank External Protection - Painted/Asphalt Coating  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
J02 - Dispenser - Suction Dispenser  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
3  
Tank Location: 3  
Tank Type: Fiberglass Coated Steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN NORTH 1 GARAGE (Continued)**

**U003074882**

Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: 06/01/1997  
Capacity Gallons: 4000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 11/19/2008  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 01/28/2010  
Material Name: Diesel

Tank Number: 2  
Tank Id: 36498  
Material Code: 0012  
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
B01 - Tank External Protection - Painted/Asphalt Coating  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
I05 - Overfill - Vent Whistle  
C01 - Pipe Location - Aboveground  
H00 - Tank Leak Detection - None

Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 550  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 01/18/2008  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 01/28/2010  
Material Name: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Tank Number: 3  
Tank Id: 36499  
Material Code: 0013  
Common Name of Substance: Lube Oil

Equipment Records:

C01 - Pipe Location - Aboveground  
H00 - Tank Leak Detection - None  
G00 - Tank Secondary Containment - None  
I05 - Overfill - Vent Whistle  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN NORTH 1 GARAGE (Continued)**

**U003074882**

Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 550  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 01/18/2008  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 01/28/2010  
Material Name: Lube Oil

Tank Number: 4  
Tank Id: 36500  
Material Code: 0013  
Common Name of Substance: Lube Oil

Equipment Records:

A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
B01 - Tank External Protection - Painted/Asphalt Coating  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
I05 - Overfill - Vent Whistle  
C01 - Pipe Location - Aboveground  
H00 - Tank Leak Detection - None

Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 550  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 01/18/2008  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 01/28/2010  
Material Name: Lube Oil

Tank Number: 5  
Tank Id: 36501  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None  
I05 - Overfill - Vent Whistle

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN NORTH 1 GARAGE (Continued)**

**U003074882**

B01 - Tank External Protection - Painted/Asphalt Coating  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
C01 - Pipe Location - Aboveground  
H00 - Tank Leak Detection - None

Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 5000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 11/19/2008  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 01/28/2010  
Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: 6  
Tank Id: 47425  
Material Code: 0013  
Common Name of Substance: Lube Oil

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
B01 - Tank External Protection - Painted/Asphalt Coating  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
I05 - Overfill - Vent Whistle  
C01 - Pipe Location - Aboveground  
H00 - Tank Leak Detection - None

Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 275  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 01/18/2008  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 01/28/2010  
Material Name: Lube Oil

Tank Number: 7  
Tank Id: 66337  
Material Code: 0013  
Common Name of Substance: Lube Oil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN NORTH 1 GARAGE (Continued)**

**U003074882**

Equipment Records:

G00 - Tank Secondary Containment - None  
I05 - Overfill - Vent Whistle  
B01 - Tank External Protection - Painted/Asphalt Coating  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
C01 - Pipe Location - Aboveground  
H00 - Tank Leak Detection - None

Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 275  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 01/18/2008  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 01/28/2010  
Material Name: Lube Oil

Tank Number: 8  
Tank Id: 66338  
Material Code: 0013  
Common Name of Substance: Lube Oil

Equipment Records:

C01 - Pipe Location - Aboveground  
H00 - Tank Leak Detection - None  
G00 - Tank Secondary Containment - None  
I05 - Overfill - Vent Whistle  
B01 - Tank External Protection - Painted/Asphalt Coating  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 275  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 01/18/2008  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 01/28/2010  
Material Name: Lube Oil

Tank Number: 9

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN NORTH 1 GARAGE (Continued)**

**U003074882**

Tank Id: 66339  
Material Code: 0013  
Common Name of Substance: Lube Oil

Equipment Records:

G00 - Tank Secondary Containment - None  
I05 - Overfill - Vent Whistle  
B01 - Tank External Protection - Painted/Asphalt Coating  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
C01 - Pipe Location - Aboveground  
H00 - Tank Leak Detection - None

Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 275  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 01/18/2008  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 01/28/2010  
Material Name: Lube Oil

HIST AST:

PBS Number: 2-456098  
SWIS Code: 6101  
Operator: NYC DEPT. OF SANITATION, BCC  
Facility Phone: (718) 387-5426  
Facility Addr2: 50 KENT AVENUE  
Facility Type: OTHER  
Emergency: BUREAU OF CLEANING & COLLECTION  
Emergency Tel: (212) 788-4074  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: 50 KENT AVENUE ASSOC. L.P. C/O ED KIRTMAN  
Owner Address: 605 THIRD AVENUE, 33RD FLOOR  
Owner City,St,Zip: NEW YORK, NY 10158  
Federal ID: Not reported  
Owner Tel: (212) 490-2727  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Contact: CHIEF OF FAC. OPERT. LEG.  
Mailing Name: NYC DEPT. OF SANITATION  
Mailing Address: 125 WORTH STREET  
Mailing Address 2: ROOM # 823B  
Mailing City,St,Zip: NEW YORK, NY 10013  
Mailing Telephone: (212) 788-4074  
Owner Mark: Second Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN NORTH 1 GARAGE (Continued)**

**U003074882**

greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False  
Certification Date: 03/23/1999  
Expiration: 06/07/2005  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 14925  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: Minor Data Missing  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2

Tank ID: 004  
Tank Location: ABOVEGROUND  
Tank Status: Temporarily Out Of Service  
Install Date: Not reported  
Capacity (Gal): 550  
Product Stored: KEROSENE  
Tank Type: Steel/carbon steel  
Tank Internal: 0  
Tank External: 1  
Pipe Location: Aboveground  
Pipe Type: GALVANIZED STEEL  
Pipe Internal: None  
Pipe External: 0  
Tank Containment: None  
Leak Detection: 0  
Overfill Protection: 6  
Dispenser Method: Gravity  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

Tank ID: 005  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 550  
Product Stored: UNKNOWN  
Tank Type: Steel/carbon steel  
Tank Internal: 0  
Tank External: 1  
Pipe Location: Aboveground

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN NORTH 1 GARAGE (Continued)**

**U003074882**

Pipe Type: GALVANIZED STEEL  
Pipe Internal: None  
Pipe External: 0  
Tank Containment: None  
Leak Detection: 0  
Overfill Protection: 6  
Dispenser Method: Gravity  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

Tank ID: 006  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 550  
Product Stored: UNKNOWN  
Tank Type: Steel/carbon steel  
Tank Internal: 0  
Tank External: 1  
Pipe Location: Aboveground  
Pipe Type: GALVANIZED STEEL  
Pipe Internal: None  
Pipe External: 0  
Tank Containment: None  
Leak Detection: 0  
Overfill Protection: 6  
Dispenser Method: Gravity  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

Tank ID: 007  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 5000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: 0  
Tank External: 1  
Pipe Location: Aboveground  
Pipe Type: GALVANIZED STEEL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN NORTH 1 GARAGE (Continued)**

**U003074882**

Pipe Internal: None  
Pipe External: 0  
Tank Containment: None  
Leak Detection: 0  
Overfill Protection: 6  
Dispenser Method: Gravity  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

Tank ID: 008  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 275  
Product Stored: UNKNOWN  
Tank Type: Steel/carbon steel  
Tank Internal: 0  
Tank External: 1  
Pipe Location: Aboveground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: 0  
Tank Containment: None  
Leak Detection: 0  
Overfill Protection: 6  
Dispenser Method: Gravity  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

Count: 20 records.

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S107787353	EXIT 34	ROUTE 278 SOUTHBOUND		NY Spills
BROOKLYN	S109064521	BELL ATLANTIC-NY	E 94 ST/BET CLARKSON AVE KINGS		NY MANIFEST
BROOKLYN	1007990572	MTA NYCT - ALABAMA AVE STA - J M Z	ALABAMA AVE & FULTON ST	11207	RCRA-SQG, NY MANIFEST, NJ MANIFEST
BROOKLYN	1008404470	NYCDEP - BORDEN AVE VENTURI FLOW C	BORDEN AVE & 11TH ST	11222	RCRA NonGen / NLR
BROOKLYN	1007056878	NYCT - MARCY AVE STATION - JMZ LIN	COR OF MARCY AVE & BROADWAY	11211	FINDS
BROOKLYN	1006817534	NYCT - MARCY AVE STATION - JMZ LIN	COR OF MARCY AVE & BROADWAY	11211	RCRA-CESQG, NY MANIFEST
BROOKLYN	1007252311	BELL ATLANTIC-NY	JEFFERSON ST AND BUSHWICK AVE	11206	FINDS, NY MANIFEST
BROOKLYN	S107407580	KINGS HIGHWAY MOBIL	KINGS HIGHWAY		NY Spills
BROOKLYN	S106737045	BETW/AVE X &	KINGS HIGHWAY AVE U		NY Spills
BROOKLYN	1008154234	NYC DDC - MANHATTAN AVE & ASH ST	MANHATTAN AVE BTWN ASH ST & NE	11222	FINDS
BROOKLYN	1007208558	CON EDISION - VS 4740	MASPETH & GARDNER AVE MASPETH	10003	RCRA NonGen / NLR, NY MANIFEST
BROOKLYN	1007811841	NYC DOT - METROPOLITAN AVE BRIDGE	METROPOLITAN AVE BRIDGE OVER E	11237	FINDS
BROOKLYN	1001215447	MTA NYCT - METROPOLITAN AVE STATIO	METROPOLITAN & NASSAU AVE	11222	RCRA NonGen / NLR, NY MANIFEST
BROOKLYN	1000791719	NYCDOT METROPOLITAN AVE BRG #22402	METROPOLITAN AVE BRG OVER	11211	RCRA-SQG, NY MANIFEST, NJ MANIFEST
BROOKLYN	1004762741	NYC PKS & REC - FREEDON SQUARE	MYRTLE & BUSHWICK AVE	11211	RCRA NonGen / NLR, NY MANIFEST
BROOKLYN	1001224430	MTA NYCT - MYRTLE & WILLOUGHBY AVE	MYRTLE & UNION AVE	11206	RCRA NonGen / NLR
BROOKLYN	1007208397	CON EDISION - MH38210	S/INT KINGS HWY & W 7 ST. S/IN	10003	RCRA NonGen / NLR, NY MANIFEST
KINGS COUNTY	S109207895	205842; KINGS HWY	KINGS HWY		NY Spills
NEW YORK CITY	1007207296	MH56834	FANCHON PL. AND BUSHWICK AVE	11206	RCRA NonGen / NLR, NY MANIFEST
NEW YORK CITY	1007207295	V1048	FANCHON PL. AND BUSHWICK AVE	11206	RCRA NonGen / NLR, NY MANIFEST

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Quarterly

#### NPL Site Boundaries

##### Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Quarterly

#### NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2014	Telephone: 703-603-8704
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 10/07/2014
Number of Days to Update: 45	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Varies

## ***Federal CERCLIS NFRAP site List***

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

### **RCRA-TSDF: RCRA - Treatment, Storage and Disposal**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

### **RCRA-LQG: RCRA - Large Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Quarterly

### **RCRA-SQG: RCRA - Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Quarterly

### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal institutional controls / engineering controls registries***

### **US ENG CONTROLS: Engineering Controls Sites List**

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 06/23/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/15/2014	Telephone: 703-603-0695
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

### **US INST CONTROL: Sites with Institutional Controls**

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 06/23/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/15/2014	Telephone: 703-603-0695
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

### **LUCIS: Land Use Control Information System**

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2014	Source: Department of the Navy
Date Data Arrived at EDR: 05/30/2014	Telephone: 843-820-7326
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 08/14/2014
Number of Days to Update: 18	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Varies

## ***Federal ERNS list***

### **ERNS: Emergency Response Notification System**

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-267-2180
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 09/30/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Annually

## ***State- and tribal - equivalent CERCLIS***

### **SHWS: Inactive Hazardous Waste Disposal Sites in New York State**

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 07/16/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/17/2014	Telephone: 518-402-9622
Date Made Active in Reports: 08/14/2014	Last EDR Contact: 09/25/2014
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 04/01/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/22/2014	Telephone: 518-402-9814
Date Made Active in Reports: 06/13/2014	Last EDR Contact: 08/22/2014
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Varies

## **State and tribal landfill and/or solid waste disposal site lists**

### SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/08/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/10/2014	Telephone: 518-457-2051
Date Made Active in Reports: 08/14/2014	Last EDR Contact: 10/06/2014
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Semi-Annually

## **State and tribal leaking storage tank lists**

### LTANKS: Spills Information Database

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 05/19/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/22/2014	Telephone: 518-402-9549
Date Made Active in Reports: 06/11/2014	Last EDR Contact: 08/19/2014
Number of Days to Update: 20	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Varies

### HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/08/2005	Telephone: 518-402-9549
Date Made Active in Reports: 07/14/2005	Last EDR Contact: 07/07/2005
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/22/2014	Source: EPA Region 7
Date Data Arrived at EDR: 08/22/2014	Telephone: 913-551-7003
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/13/2014	Source: EPA Region 8
Date Data Arrived at EDR: 08/15/2014	Telephone: 303-312-6271
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

## INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/22/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/20/2014	Source: EPA Region 10
Date Data Arrived at EDR: 06/10/2014	Telephone: 206-553-2857
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

## INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2014	Telephone: 404-562-8677
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

## INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 08/01/2014
Number of Days to Update: 184	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/14/2014	Source: EPA Region 6
Date Data Arrived at EDR: 05/15/2014	Telephone: 214-665-6597
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 11/20/2014
	Data Release Frequency: Varies

## INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 08/04/2014	Source: EPA, Region 5
Date Data Arrived at EDR: 08/05/2014	Telephone: 312-886-7439
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***State and tribal registered storage tank lists***

### **TANKS: Storage Tank Facility Listing**

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 07/01/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/02/2014	Telephone: 518-402-9543
Date Made Active in Reports: 08/14/2014	Last EDR Contact: 10/01/2014
Number of Days to Update: 43	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Quarterly

### **UST: Petroleum Bulk Storage (PBS) Database**

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 07/01/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/02/2014	Telephone: 518-402-9549
Date Made Active in Reports: 08/21/2014	Last EDR Contact: 10/01/2014
Number of Days to Update: 50	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: No Update Planned

### **CBS UST: Chemical Bulk Storage Database**

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 10/24/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/23/2006
	Data Release Frequency: No Update Planned

### **MOSF UST: Major Oil Storage Facilities Database**

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 07/25/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/24/2005
	Data Release Frequency: No Update Planned

### **AST: Petroleum Bulk Storage**

Registered Aboveground Storage Tanks.

Date of Government Version: 07/01/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/02/2014	Telephone: 518-402-9549
Date Made Active in Reports: 08/21/2014	Last EDR Contact: 10/01/2014
Number of Days to Update: 50	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: No Update Planned

### **CBS AST: Chemical Bulk Storage Database**

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 07/25/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/24/2005
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 02/20/2002  
Date Made Active in Reports: 03/22/2002  
Number of Days to Update: 30

Source: NYSDEC  
Telephone: 518-402-9549  
Last EDR Contact: 07/25/2005  
Next Scheduled EDR Contact: 10/24/2005  
Data Release Frequency: No Update Planned

## CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 07/01/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 08/21/2014  
Number of Days to Update: 50

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Quarterly

## MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 07/01/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 08/21/2014  
Number of Days to Update: 50

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Quarterly

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013  
Date Data Arrived at EDR: 05/01/2013  
Date Made Active in Reports: 01/27/2014  
Number of Days to Update: 271

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 08/01/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 07/30/2014  
Date Data Arrived at EDR: 08/12/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 10

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 04/22/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Semi-Annually

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 07/25/2014  
Date Data Arrived at EDR: 07/28/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 25

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 07/22/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/04/2014	Source: EPA Region 5
Date Data Arrived at EDR: 08/05/2014	Telephone: 312-886-6136
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/20/2014	Source: EPA Region 10
Date Data Arrived at EDR: 06/10/2014	Telephone: 206-553-2857
Date Made Active in Reports: 08/15/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/20/2014	Source: EPA Region 7
Date Data Arrived at EDR: 08/22/2014	Telephone: 913-551-7003
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/13/2014	Source: EPA Region 8
Date Data Arrived at EDR: 08/15/2014	Telephone: 303-312-6137
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/14/2014	Source: EPA Region 9
Date Data Arrived at EDR: 08/15/2014	Telephone: 415-972-3368
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 10/10/2014
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: Varies

## ***State and tribal institutional control / engineering control registries***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 07/16/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/17/2014	Telephone: 518-402-9553
Date Made Active in Reports: 08/14/2014	Last EDR Contact: 09/25/2014
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Quarterly

## INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 07/16/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/17/2014	Telephone: 518-402-9553
Date Made Active in Reports: 08/14/2014	Last EDR Contact: 09/25/2014
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Quarterly

### **State and tribal voluntary cleanup sites**

#### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

#### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 05/30/2014	Source: EPA, Region 1
Date Data Arrived at EDR: 07/01/2014	Telephone: 617-918-1102
Date Made Active in Reports: 08/15/2014	Last EDR Contact: 10/01/2014
Number of Days to Update: 45	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Varies

#### VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 07/16/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/17/2014	Telephone: 518-402-9711
Date Made Active in Reports: 08/14/2014	Last EDR Contact: 09/25/2014
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Semi-Annually

### **State and tribal Brownfields sites**

#### ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a \$200 million Environmental Restoration or Brownfields Fund as part of the \$1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/16/2014  
Date Data Arrived at EDR: 07/17/2014  
Date Made Active in Reports: 08/14/2014  
Number of Days to Update: 28

Source: Department of Environmental Conservation  
Telephone: 518-402-9622  
Last EDR Contact: 09/25/2014  
Next Scheduled EDR Contact: 12/01/2014  
Data Release Frequency: Quarterly

## BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 07/16/2014  
Date Data Arrived at EDR: 07/17/2014  
Date Made Active in Reports: 08/14/2014  
Number of Days to Update: 28

Source: Department of Environmental Conservation  
Telephone: 518-402-9764  
Last EDR Contact: 09/25/2014  
Next Scheduled EDR Contact: 12/01/2014  
Data Release Frequency: Semi-Annually

## ADDITIONAL ENVIRONMENTAL RECORDS

### **Local Brownfield lists**

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 07/01/2014  
Date Data Arrived at EDR: 07/03/2014  
Date Made Active in Reports: 07/28/2014  
Number of Days to Update: 25

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 09/23/2014  
Next Scheduled EDR Contact: 01/05/2015  
Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/25/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: No Update Planned

#### SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/01/2006  
Date Data Arrived at EDR: 11/15/2006  
Date Made Active in Reports: 11/30/2006  
Number of Days to Update: 15

Source: Department of Environmental Conservation  
Telephone: 518-402-8694  
Last EDR Contact: 07/21/2014  
Next Scheduled EDR Contact: 11/03/2014  
Data Release Frequency: Annually

## SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 07/08/2014  
Date Data Arrived at EDR: 07/10/2014  
Date Made Active in Reports: 08/14/2014  
Number of Days to Update: 35

Source: Department of Environmental Conservation  
Telephone: 518-402-8705  
Last EDR Contact: 10/06/2014  
Next Scheduled EDR Contact: 01/19/2015  
Data Release Frequency: Semi-Annually

## INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 08/01/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: Varies

## **Local Lists of Hazardous waste / Contaminated Sites**

### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014  
Date Data Arrived at EDR: 06/20/2014  
Date Made Active in Reports: 07/15/2014  
Number of Days to Update: 25

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 09/03/2014  
Next Scheduled EDR Contact: 12/15/2014  
Data Release Frequency: Quarterly

### DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 07/16/2014  
Date Data Arrived at EDR: 07/17/2014  
Date Made Active in Reports: 08/14/2014  
Number of Days to Update: 28

Source: Department of Environmental Conservation  
Telephone: 518-402-9622  
Last EDR Contact: 09/25/2014  
Next Scheduled EDR Contact: 12/01/2014  
Data Release Frequency: Annually

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014  
Date Data Arrived at EDR: 06/20/2014  
Date Made Active in Reports: 07/15/2014  
Number of Days to Update: 25

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 09/03/2014  
Next Scheduled EDR Contact: 12/15/2014  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Local Lists of Registered Storage Tanks**

### HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 06/02/2006	Telephone: 518-402-9549
Date Made Active in Reports: 07/20/2006	Last EDR Contact: 10/23/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Varies

### HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 06/02/2006	Telephone: 518-402-9549
Date Made Active in Reports: 07/20/2006	Last EDR Contact: 10/23/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: No Update Planned

## **Local Land Records**

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

### LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 05/21/2014	Source: Office of the State Comptroller
Date Data Arrived at EDR: 05/22/2014	Telephone: 518-474-9034
Date Made Active in Reports: 06/10/2014	Last EDR Contact: 08/11/2014
Number of Days to Update: 19	Next Scheduled EDR Contact: 11/24/2014
	Data Release Frequency: Varies

## **Records of Emergency Release Reports**

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/2014	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/01/2014	Telephone: 202-366-4555
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 10/01/2014
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Annually

### SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/19/2014  
Date Data Arrived at EDR: 05/22/2014  
Date Made Active in Reports: 06/11/2014  
Number of Days to Update: 20

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 08/19/2014  
Next Scheduled EDR Contact: 12/01/2014  
Data Release Frequency: Varies

## HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 07/08/2005  
Date Made Active in Reports: 07/14/2005  
Number of Days to Update: 6

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 07/07/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012  
Date Data Arrived at EDR: 01/03/2013  
Date Made Active in Reports: 02/12/2013  
Number of Days to Update: 40

Source: FirstSearch  
Telephone: N/A  
Last EDR Contact: 01/03/2013  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010  
Date Data Arrived at EDR: 01/03/2013  
Date Made Active in Reports: 03/07/2013  
Number of Days to Update: 63

Source: FirstSearch  
Telephone: N/A  
Last EDR Contact: 01/03/2013  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## **Other Ascertainable Records**

### RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Varies

### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/31/2012  
Date Data Arrived at EDR: 08/07/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 08/06/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: Varies

## DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 10/15/2014  
Next Scheduled EDR Contact: 01/26/2015  
Data Release Frequency: Semi-Annually

## FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 06/06/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 09/10/2014  
Next Scheduled EDR Contact: 12/22/2014  
Data Release Frequency: Varies

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 01/24/2014  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 09/30/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Varies

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013  
Date Data Arrived at EDR: 12/12/2013  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 74

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 09/09/2014  
Next Scheduled EDR Contact: 12/22/2014  
Data Release Frequency: Annually

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 08/20/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Varies

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/30/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 07/15/2014  
Number of Days to Update: 132

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 09/04/2014  
Next Scheduled EDR Contact: 12/15/2014  
Data Release Frequency: Semi-Annually

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/31/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 44

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 08/29/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Annually

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 09/29/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 64

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 09/26/2014  
Next Scheduled EDR Contact: 01/05/2015  
Data Release Frequency: Every 4 Years

## FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 08/19/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Quarterly

## FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 08/19/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 07/22/2014
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 05/06/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/16/2014	Telephone: 202-564-5088
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 10/10/2014
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013	Source: EPA
Date Data Arrived at EDR: 07/17/2013	Telephone: 202-566-0500
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 10/15/2014
Number of Days to Update: 107	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: Annually

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/02/2013	Telephone: 301-415-7169
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 09/08/2014
Number of Days to Update: 91	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Quarterly

### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/07/2014  
Date Data Arrived at EDR: 07/10/2014  
Date Made Active in Reports: 07/28/2014  
Number of Days to Update: 18

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 10/08/2014  
Next Scheduled EDR Contact: 01/19/2015  
Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013  
Date Data Arrived at EDR: 02/27/2014  
Date Made Active in Reports: 03/12/2014  
Number of Days to Update: 13

Source: EPA  
Telephone: (212) 637-3000  
Last EDR Contact: 09/10/2014  
Next Scheduled EDR Contact: 12/22/2014  
Data Release Frequency: Quarterly

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 05/23/2014  
Date Made Active in Reports: 07/28/2014  
Number of Days to Update: 66

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 07/22/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 02/26/2013  
Date Made Active in Reports: 04/19/2013  
Number of Days to Update: 52

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 08/29/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Biennially

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003  
Date Data Arrived at EDR: 10/20/2006  
Date Made Active in Reports: 11/30/2006  
Number of Days to Update: 41

Source: Department of Environmental Conservation  
Telephone: 518-402-9564  
Last EDR Contact: 05/26/2009  
Next Scheduled EDR Contact: 08/24/2009  
Data Release Frequency: No Update Planned

### UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 06/09/2014  
Date Data Arrived at EDR: 06/12/2014  
Date Made Active in Reports: 08/05/2014  
Number of Days to Update: 54

Source: Department of Environmental Conservation  
Telephone: 518-402-8056  
Last EDR Contact: 09/10/2014  
Next Scheduled EDR Contact: 12/22/2014  
Data Release Frequency: Quarterly

### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/01/2014  
Date Data Arrived at EDR: 05/07/2014  
Date Made Active in Reports: 06/10/2014  
Number of Days to Update: 34

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 08/07/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: Annually

### DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 07/17/2014  
Date Data Arrived at EDR: 07/18/2014  
Date Made Active in Reports: 08/14/2014  
Number of Days to Update: 27

Source: Department of Environmental Conservation  
Telephone: 518-402-8403  
Last EDR Contact: 09/15/2014  
Next Scheduled EDR Contact: 12/29/2014  
Data Release Frequency: Varies

### SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 05/29/2014  
Date Data Arrived at EDR: 05/30/2014  
Date Made Active in Reports: 06/12/2014  
Number of Days to Update: 13

Source: Department of Environmental Conservation  
Telephone: 518-402-8233  
Last EDR Contact: 07/28/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: No Update Planned

### AIRS: Air Emissions Data

Point source emissions inventory data.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 11/01/2013  
Date Made Active in Reports: 01/09/2014  
Number of Days to Update: 69

Source: Department of Environmental Conservation  
Telephone: 518-402-8452  
Last EDR Contact: 11/10/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Annually

## E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 06/18/2014  
Date Data Arrived at EDR: 06/30/2014  
Date Made Active in Reports: 07/02/2014  
Number of Days to Update: 2

Source: New York City Department of City Planning  
Telephone: 718-595-6658  
Last EDR Contact: 09/23/2014  
Next Scheduled EDR Contact: 01/05/2015  
Data Release Frequency: Varies

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 34

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 10/15/2014  
Next Scheduled EDR Contact: 01/26/2015  
Data Release Frequency: Semi-Annually

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011  
Date Data Arrived at EDR: 03/09/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 07/25/2014  
Next Scheduled EDR Contact: 11/03/2014  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 07/08/2014  
Date Data Arrived at EDR: 07/10/2014  
Date Made Active in Reports: 08/14/2014  
Number of Days to Update: 35

Source: Department of Environmental Conservation  
Telephone: 518-402-8660  
Last EDR Contact: 10/06/2014  
Next Scheduled EDR Contact: 01/19/2015  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013	Source: EPA
Date Data Arrived at EDR: 07/03/2013	Telephone: 202-564-6023
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 09/30/2014
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 08/15/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/24/2014
	Data Release Frequency: Varies

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 08/15/2014
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/24/2014
	Data Release Frequency: Quarterly

### COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 07/18/2014
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Varies

### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/20/2014	Telephone: 202-566-1917
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 08/14/2014
Number of Days to Update: 38	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Quarterly

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/14/2014  
Date Data Arrived at EDR: 06/11/2014  
Date Made Active in Reports: 07/28/2014  
Number of Days to Update: 47

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 09/10/2014  
Next Scheduled EDR Contact: 12/22/2014  
Data Release Frequency: Varies

**COAL ASH:** Coal Ash Disposal Site Listing  
A listing of coal ash disposal site locations.

Date of Government Version: 07/09/2014  
Date Data Arrived at EDR: 07/10/2014  
Date Made Active in Reports: 08/14/2014  
Number of Days to Update: 35

Source: Department of Environmental Conservation  
Telephone: 518-402-8660  
Last EDR Contact: 10/06/2014  
Next Scheduled EDR Contact: 01/19/2015  
Data Release Frequency: Varies

**PCB TRANSFORMER:** PCB Transformer Registration Database  
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011  
Date Data Arrived at EDR: 10/19/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 83

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 08/01/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Varies

**Financial Assurance 2:** Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/01/2013  
Date Data Arrived at EDR: 12/05/2013  
Date Made Active in Reports: 02/17/2014  
Number of Days to Update: 74

Source: Department of Environmental Conservation  
Telephone: 518-402-8712  
Last EDR Contact: 10/06/2014  
Next Scheduled EDR Contact: 01/19/2015  
Data Release Frequency: Varies

**US AIRS MINOR:** Air Facility System Data  
A listing of minor source facilities.

Date of Government Version: 10/23/2013  
Date Data Arrived at EDR: 11/06/2013  
Date Made Active in Reports: 12/06/2013  
Number of Days to Update: 30

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/29/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Annually

**US AIRS (AFS):** Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013  
Date Data Arrived at EDR: 11/06/2013  
Date Made Active in Reports: 12/06/2013  
Number of Days to Update: 30

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/29/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Annually

**FEDLAND:** Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 10/15/2014  
Next Scheduled EDR Contact: 01/26/2015  
Data Release Frequency: N/A

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014  
Date Data Arrived at EDR: 06/12/2014  
Date Made Active in Reports: 07/28/2014  
Number of Days to Update: 46

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 10/06/2014  
Next Scheduled EDR Contact: 01/19/2015  
Data Release Frequency: Varies

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

Source: Department of Environmental Conservation  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/10/2014  
Number of Days to Update: 193

Source: Department of Environmental Conservation  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## COUNTY RECORDS

### CORTLAND COUNTY:

#### Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 05/30/2014  
Date Data Arrived at EDR: 05/30/2014  
Date Made Active in Reports: 06/13/2014  
Number of Days to Update: 14

Source: Cortland County Health Department  
Telephone: 607-753-5035  
Last EDR Contact: 09/24/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: Quarterly

#### Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 05/30/2014  
Date Data Arrived at EDR: 05/30/2014  
Date Made Active in Reports: 06/13/2014  
Number of Days to Update: 14

Source: Cortland County Health Department  
Telephone: 607-753-5035  
Last EDR Contact: 09/24/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: Quarterly

### NASSAU COUNTY:

#### Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/20/2013  
Date Data Arrived at EDR: 11/22/2013  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 81

Source: Nassau County Health Department  
Telephone: 516-571-3314  
Last EDR Contact: 10/06/2014  
Next Scheduled EDR Contact: 01/19/2015  
Data Release Frequency: No Update Planned

## Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011  
Date Data Arrived at EDR: 02/23/2011  
Date Made Active in Reports: 03/29/2011  
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal  
Telephone: 516-572-1000  
Last EDR Contact: 08/05/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: Varies

## Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 11/20/2013  
Date Data Arrived at EDR: 11/22/2013  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 81

Source: Nassau County Health Department  
Telephone: 516-571-3314  
Last EDR Contact: 10/06/2014  
Next Scheduled EDR Contact: 01/19/2015  
Data Release Frequency: No Update Planned

## Storage Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011  
Date Data Arrived at EDR: 02/23/2011  
Date Made Active in Reports: 03/29/2011  
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal  
Telephone: 516-572-1000  
Last EDR Contact: 08/05/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: Varies

## ROCKLAND COUNTY:

### Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 06/23/2014  
Date Data Arrived at EDR: 06/25/2014  
Date Made Active in Reports: 08/05/2014  
Number of Days to Update: 41

Source: Rockland County Health Department  
Telephone: 914-364-2605  
Last EDR Contact: 09/08/2014  
Next Scheduled EDR Contact: 12/22/2014  
Data Release Frequency: Quarterly

### Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 06/23/2014  
Date Data Arrived at EDR: 06/25/2014  
Date Made Active in Reports: 08/05/2014  
Number of Days to Update: 41

Source: Rockland County Health Department  
Telephone: 914-364-2605  
Last EDR Contact: 09/08/2014  
Next Scheduled EDR Contact: 12/22/2014  
Data Release Frequency: Quarterly

## SUFFOLK COUNTY:

### Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/30/2014  
Date Data Arrived at EDR: 02/28/2014  
Date Made Active in Reports: 04/03/2014  
Number of Days to Update: 34

Source: Suffolk County Department of Health Services  
Telephone: 631-854-2521  
Last EDR Contact: 08/05/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: No Update Planned

## Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 01/30/2014  
Date Data Arrived at EDR: 02/28/2014  
Date Made Active in Reports: 04/03/2014  
Number of Days to Update: 34

Source: Suffolk County Department of Health Services  
Telephone: 631-854-2521  
Last EDR Contact: 08/05/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: No Update Planned

## WESTCHESTER COUNTY:

### Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 06/12/2014  
Date Data Arrived at EDR: 06/13/2014  
Date Made Active in Reports: 08/05/2014  
Number of Days to Update: 53

Source: Westchester County Department of Health  
Telephone: 914-813-5161  
Last EDR Contact: 08/05/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: Varies

### Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 06/12/2014  
Date Data Arrived at EDR: 06/13/2014  
Date Made Active in Reports: 08/05/2014  
Number of Days to Update: 53

Source: Westchester County Department of Health  
Telephone: 914-813-5161  
Last EDR Contact: 08/05/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 08/19/2014  
Next Scheduled EDR Contact: 12/01/2014  
Data Release Frequency: No Update Planned

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/19/2012  
Date Made Active in Reports: 08/28/2012  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 10/10/2014  
Next Scheduled EDR Contact: 01/26/2015  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 07/21/2014  
Date Made Active in Reports: 08/25/2014  
Number of Days to Update: 35

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 07/18/2014  
Next Scheduled EDR Contact: 11/03/2014  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 07/15/2014  
Date Made Active in Reports: 08/13/2014  
Number of Days to Update: 29

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 08/26/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Annually

## VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 03/27/2014  
Date Data Arrived at EDR: 06/12/2014  
Date Made Active in Reports: 07/17/2014  
Number of Days to Update: 35

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 07/21/2014  
Next Scheduled EDR Contact: 11/03/2014  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 06/20/2014  
Date Made Active in Reports: 08/07/2014  
Number of Days to Update: 48

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 09/15/2014  
Next Scheduled EDR Contact: 12/29/2014  
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health  
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Day Care Providers

Source: Department of Health

Telephone: 212-676-2444

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

771 METROPOLITAN AVE  
771 METROPOLITAN AVE  
BROOKLYN, NY 11211

### **TARGET PROPERTY COORDINATES**

Latitude (North):	40.7148 - 40° 42' 53.28"
Longitude (West):	73.943 - 73° 56' 34.80"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	589280.6
UTM Y (Meters):	4507424.0
Elevation:	39 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	40073-F8 BROOKLYN, NY
Most Recent Revision:	1995

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

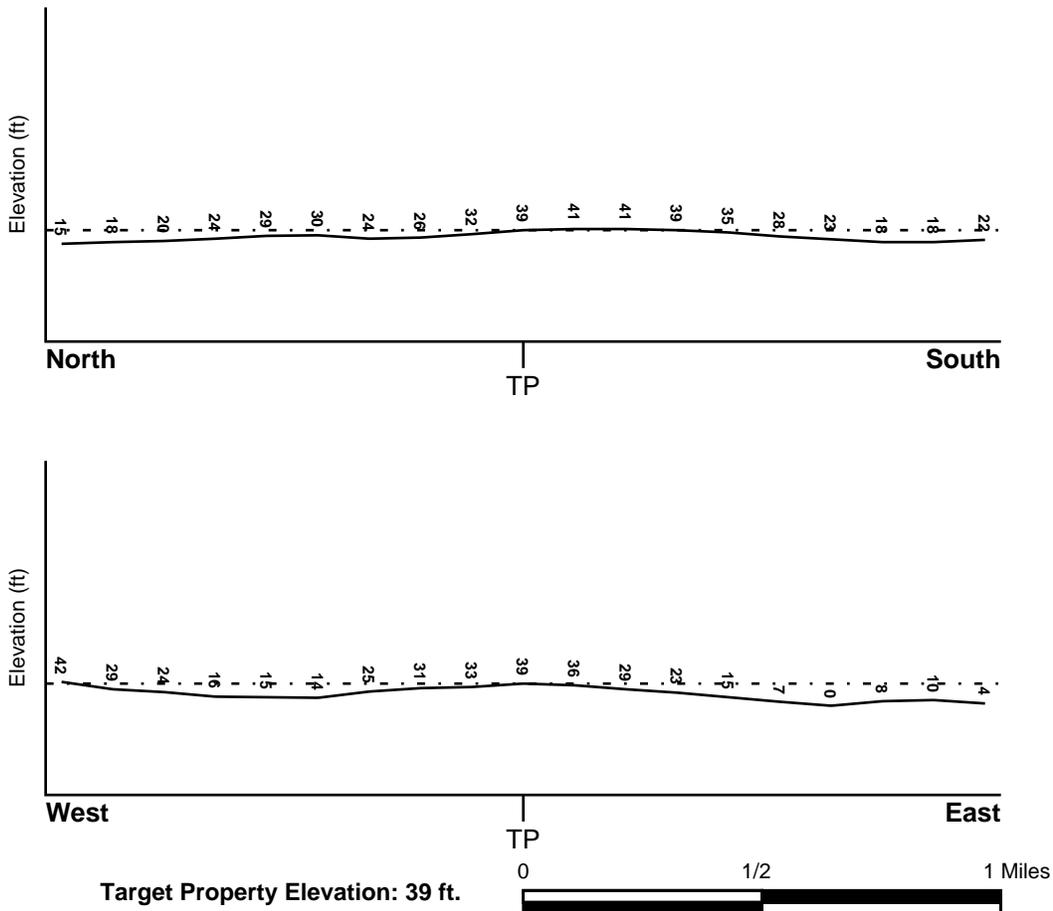
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

Target Property County  
KINGS, NY

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 360497 - FEMA DFIRM Flood data

Additional Panels in search area:  
3604970048B - FEMA Q3 Flood data  
3604970047B - FEMA Q3 Flood data  
3604970055B - FEMA Q3 Flood data  
3604970056B - FEMA Q3 Flood data

## **NATIONAL WETLAND INVENTORY**

NWI Quad at Target Property  
BROOKLYN

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

## **HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### ***Site-Specific Hydrogeological Data\*:***

Search Radius: 1.25 miles  
Status: Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

Era: Mesozoic  
System: Cretaceous  
Series: Upper Cretaceous  
Code: uK (decoded above as Era, System & Series)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

## OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam  
loamy sand  
sandy loam  
fine sandy loam

Surficial Soil Types: silt loam  
loamy sand  
sandy loam  
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock  
very gravelly - loamy sand  
stratified  
sandy loam

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
_____	_____	_____

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000829528	0 - 1/8 Mile East
A2	USGS40000829386	1/4 - 1/2 Mile South
A3	USGS40000829385	1/4 - 1/2 Mile SSE
4	USGS40000829707	1/4 - 1/2 Mile NW
5	USGS40000829578	1/4 - 1/2 Mile WNW
6	USGS40000829597	1/4 - 1/2 Mile ENE
7	USGS40000829320	1/4 - 1/2 Mile SSW
8	USGS40000829291	1/4 - 1/2 Mile South
B9	USGS40000829485	1/4 - 1/2 Mile West
C10	USGS40000829262	1/4 - 1/2 Mile South
B11	USGS40000829478	1/4 - 1/2 Mile West
12	USGS40000829364	1/4 - 1/2 Mile SE
D13	USGS40000829273	1/4 - 1/2 Mile SSE
D14	USGS40000829261	1/2 - 1 Mile SSE
C15	USGS40000829242	1/2 - 1 Mile South
17	USGS40000829892	1/2 - 1 Mile NNE
18	USGS40000829655	1/2 - 1 Mile ENE
E19	USGS40000829963	1/2 - 1 Mile North
E20	USGS40000829964	1/2 - 1 Mile North
21	USGS40000829373	1/2 - 1 Mile WSW
F22	USGS40000829234	1/2 - 1 Mile SSE
F23	USGS40000829233	1/2 - 1 Mile SE
24	USGS40000829232	1/2 - 1 Mile SE
25	USGS40000829247	1/2 - 1 Mile SE
26	USGS40000829263	1/2 - 1 Mile SW
G27	USGS40000829722	1/2 - 1 Mile ENE
H28	USGS40000829805	1/2 - 1 Mile WNW
G29	USGS40000829706	1/2 - 1 Mile ENE
H30	USGS40000829792	1/2 - 1 Mile WNW
31	USGS40000829203	1/2 - 1 Mile SW
I32	USGS40000829561	1/2 - 1 Mile West
H33	USGS40000829834	1/2 - 1 Mile WNW
34	USGS40000829806	1/2 - 1 Mile WNW
35	USGS40000830081	1/2 - 1 Mile NNE
I36	USGS40000829572	1/2 - 1 Mile West
37	USGS40000829033	1/2 - 1 Mile South
38	USGS40000829248	1/2 - 1 Mile WSW
39	USGS40000829116	1/2 - 1 Mile SE
J40	USGS40000829064	1/2 - 1 Mile SSW
41	USGS40000829330	1/2 - 1 Mile ESE
J42	USGS40000829065	1/2 - 1 Mile SSW
43	USGS40000829283	1/2 - 1 Mile ESE
44	USGS40000829052	1/2 - 1 Mile SSE

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
16	NY0007257	1/2 - 1 Mile West

Note: PWS System location is not always the same as well location.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## OTHER STATE DATABASE INFORMATION

## STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	NYOG70000000029	1/2 - 1 Mile WSW

# PHYSICAL SETTING SOURCE MAP - 4109065.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: 771 Metropolitan Ave  
 ADDRESS: 771 Metropolitan Ave  
 Brooklyn NY 11211  
 LAT/LONG: 40.7148 / 73.943

CLIENT: Env. Business Consultants  
 CONTACT: Chawine Miller  
 INQUIRY #: 4109065.2s  
 DATE: October 17, 2014 4:30 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
**East**  
**0 - 1/8 Mile**  
**Higher**

**FED USGS      USGS40000829528**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404253073563501		
Monloc name:	K 678. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7148247
Longitude:	-73.9426378	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	39.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	221
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**A2**  
**South**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS40000829386**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404239073563301		
Monloc name:	K 724. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7109359
Longitude:	-73.9420822	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	48.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	137
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**A3  
SSE  
1/4 - 1/2 Mile  
Higher**

**FED USGS      USGS40000829385**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404239073563201		
Monloc name:	K 1283. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7109359
Longitude:	-73.9418044	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	45.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	240
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**4  
NW  
1/4 - 1/2 Mile  
Lower**

**FED USGS      USGS40000829707**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404307073565101		
Monloc name:	K 690. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7187135
Longitude:	-73.9470823	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	194
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**5**

**WNW**

**1/4 - 1/2 Mile**

**Lower**

**FED USGS**

**USGS40000829578**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404258073570001		
Monloc name:	K 691. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7162136
Longitude:	-73.9495824	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	18.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	195
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**6**

**ENE**

**1/4 - 1/2 Mile**

**Lower**

**FED USGS**

**USGS40000829597**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404300073561301		
Monloc name:	K 677. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7167691
Longitude:	-73.9365265	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	19.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	215
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**7**  
**SSW**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS40000829320**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404233073564401		
Monloc name:	K 715. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7092693
Longitude:	-73.9451378	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	36.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	120
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**8**  
**South**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000829291**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404231073563301		
Monloc name:	K 426. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7087137
Longitude:	-73.9420822	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	38.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	140
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**B9**  
**West**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000829485**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404249073570801		
Monloc name:	K 673. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7137136
Longitude:	-73.9518047	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	14.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	196
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**C10**  
**South**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000829262**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404228073563901		
Monloc name:	K 2533. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7078804
Longitude:	-73.9437489	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	92
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**B11**  
**West**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000829478**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404248073570901		
Monloc name:	K 898. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7134358
Longitude:	-73.9520825	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	7.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	46
Welldepth units:	ft	Wellholeddepth:	74
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**12**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000829364**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404237073561201		
Monloc name:	K 889. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7103804
Longitude:	-73.9356931	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	21.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	74
Construction date:	Not Reported	Wellholedepth:	74
Welldepth units:	ft		
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 265

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-10-01		3.53	1985-05-21		4.48
1984-12-18		4.95	1984-10-05		5.16
1984-06-27		5.47	1984-03-15		5.13
1984-01-05		5.76	1983-09-29		4.96
1983-06-29		4.59	1983-03-25		3.96
1982-12-21		3.69	1982-10-06		3.86
1982-06-30		3.96	1982-04-02		4.19
1981-12-29		4.01	1981-09-23		4.10
1981-06-24		4.28	1981-03-18		5.36
1980-12-30		3.96	1980-09-23		5.06
1980-06-24		5.14	1980-03-13		4.02
1979-12-18		4.92	1979-09-17		4.57
1979-06-28		4.07	1979-03-26		5.46
1978-12-22		5.11	1978-10-02		5.94
1978-06-23		3.93	1978-04-04		4.06
1978-01-03		4.29	1977-09-22		3.81
1977-07-07		3.33	1977-03-29		2.60
1976-12-22		2.81	1976-09-23		3.25
1976-07-09		3.97	1976-06-28		3.21
1976-03-23		3.02	1975-12-16		3.17
1975-10-07		3.10	1975-06-30		2.80
1975-03-26		2.67	1974-12-19		1.99
1974-09-04		2.44	1974-06-26		2.58
1974-03-19		2.36	1974-01-09		2.26
1973-09-24		1.86	1973-07-02		2.22
1973-04-03		0.97	1972-12-27		1.70
1972-10-02		1.57	1972-07-10		1.94
1972-03-28		0.27	1972-01-13		0.44
1971-09-27		0.57	1971-03-08		1.08
1970-11-02		1.02	1970-03-13		1.52
1969-11-12		0.49	1969-09-05		0.24
1969-04-23		-0.34	1968-11-06		-3.34
1968-04-22		0.46	1967-10-20		-0.01
1967-03-28		-0.64	1966-10-24		-2.53
1966-05-03		-0.64	1965-10-28		-1.85
1965-09-14		-2.21	1964-10-30		-1.79
1964-04-27		-0.19	1963-11-05		-1.31
1963-04-29		-0.13	1962-12-04		-0.88
1962-04-26		-0.54	1961-12-28		-1.92
1961-10-02		-2.45	1961-03-28		-3.06
1960-12-27		-3.44	1960-09-28		-4.38
1960-07-05		-4.23	1960-03-31		-4.56
1960-01-14		-4.97	1959-10-07		-5.06
1959-07-17		-4.44	1959-03-18		-4.96
1958-01-10		-4.06	1957-09-24		-4.44
1957-06-27		-3.61	1957-03-27		-3.58
1956-12-18		-3.19	1956-11-29		-3.09
1956-10-25		-3.01	1956-10-02		-3.06
1956-08-02		-3.00	1956-07-11		-2.95
1956-06-05		-3.05	1956-05-15		-3.26

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1956-03-05		-3.53	1956-02-03		-3.69
1955-12-22		-3.74	1955-11-15		-4.04
1955-10-07		-4.61	1955-08-25		-4.74
1955-07-27		-4.72	1955-06-23		-4.43
1955-04-26		-4.91	1955-03-29		-5.07
1955-02-25		-5.33	1955-01-25		-5.34
1954-12-27		-5.61	1954-06-29		-6.25
1954-05-27		-6.72	1954-04-28		-6.79
1954-03-30		-6.87	1954-02-25		-7.02
1954-01-28		-7.19	1953-12-23		-7.15
1953-12-02		-7.25	1953-10-02		-7.61
1953-08-03		-7.45	1953-06-23		-7.47
1953-05-25		-7.91	1953-04-27		-8.26
1953-03-24		-8.82	1953-02-27		-9.10
1953-02-05		-9.37	1952-12-24		-10.14
1952-12-05		-10.54	1952-11-03		-11.13
1952-08-25		-12.22	1952-07-25		-12.62
1952-06-24		-13.11	1952-05-27		-13.84
1952-04-29		-14.33	1952-03-24		-15.09
1952-02-20		-15.88	1952-01-29		-16.33
1951-12-20		-16.98	1951-11-28		-17.37
1951-11-02		-17.86	1951-09-26		-18.29
1951-08-28		-18.53	1951-07-26		-18.97
1951-06-28		-19.39	1951-05-29		-19.79
1951-05-02		-20.22	1951-03-27		-20.97
1951-02-26		-21.64	1951-01-30		-22.36
1950-12-20		-24.01	1950-11-28		-24.60
1950-10-31		-24.76	1950-09-27		-24.78
1950-08-29		-24.63	1950-07-27		-24.48
1950-06-29		-24.52	1950-06-05		-24.63
1950-04-27		-24.97	1950-03-29		-24.90
1950-03-01		-25.44	1950-01-26		-25.69
1949-12-28		-25.78	1949-11-28		-25.76
1949-10-31		-25.53	1949-09-28		-25.59
1949-08-31		-25.62	1949-07-28		-25.72
1949-06-30		-25.89	1949-06-01		-26.02
1949-04-28		-26.14	1949-04-05		-26.39
1949-02-23		-27.08	1949-01-27		-27.47
1948-12-28		-27.87	1948-12-14		-28.03
1948-11-04		-28.60	1948-10-06		-28.94
1948-08-30		-29.46	1948-07-26		-30.22
1948-06-30		-30.77	1948-06-02		-31.35
1948-04-27		-32.12	1948-03-26		-32.84
1948-03-02		-33.43	1948-02-03		-34.37
1948-01-07		-35.55	1947-12-17		-35.93
1947-11-26		-36.76	1947-11-20		-36.87
1947-10-31		-37.15	1947-10-14		-37.22
1947-10-07		-37.17	1947-09-30		-37.13
1947-09-16		-37.00	1947-08-27		-36.56
1947-08-13		-36.15	1947-07-30		-35.58
1947-07-23		-35.29	1947-07-16		-35.21
1947-07-07		-35.95	1947-07-02		-36.46
1947-07-01		-36.32	1947-06-30		-36.69
1947-06-24		-37.12	1947-06-20		-37.16
1947-06-13		-37.06	1947-06-06		-36.95

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1947-05-29		-36.78	1947-05-23		-36.63
1947-05-17		-36.47	1947-05-16		-36.41
1947-05-10		-35.93	1947-05-03		-35.89
1947-04-26		-35.43	1947-04-19		-35.17
1947-04-18		-35.09	1947-03-29		-33.64
1947-03-22		-33.32	1947-03-08		-34.08
1947-03-01		-35.65	1947-02-22		-36.06
1947-02-15		-36.93	1947-02-08		-37.58
1947-02-01		-38.31	1947-01-25		-39.01
1947-01-18		-37.73	1947-01-10		-37.61
1946-10-19		-31.90	1946-10-12		-27.83
1946-10-05		-20.51	1946-09-23		-36.25
1946-09-16		-37.75	1946-08-30		-38.35
1946-08-19		-38.17	1946-07-30		-37.69
1946-07-08		-37.25	1946-06-10		-36.63
1946-05-27		-36.17	1946-05-20		-35.97
1946-05-13		-35.55	1946-05-06		-35.32
1946-04-29		-35.07	1946-04-22		-35.31
1946-04-15		-35.44	1946-04-08		-35.56
1946-04-01		-35.67	1946-03-25		-35.66
1946-03-18		-35.80	1946-03-11		-35.79
1946-03-04		-35.75	1946-02-25		-35.66
1946-02-18		-35.67	1946-02-11		-35.61
1946-01-08		-35.07	1945-12-03		-34.78
1945-11-06		-34.30	1945-09-28		-33.23
1945-09-12		-32.54	1945-08-08		-30.12
1945-07-23		-30.27	1945-07-03		-30.41
1945-06-04		-30.46			

**D13  
SSE  
1/4 - 1/2 Mile  
Higher**

**FED USGS USGS40000829273**

Org. Identifier:	USGS-NY	Drainagearea value:	Not Reported
Formal name:	USGS New York Water Science Center	Contrib drainagearea:	Not Reported
Monloc Identifier:	USGS-404229073562301	Latitude:	40.7081582
Monloc name:	K 1490. 1	Sourcemap scale:	24000
Monloc type:	Well	Horiz Acc measure units:	seconds
Monloc desc:	2301	Vert measure val:	35.0
Huc code:	02030201	Vertacc measure val:	0.1
Drainagearea Units:	Not Reported	Countrycode:	US
Contrib drainagearea units:	Not Reported		
Longitude:	-73.9393043		
Horiz Acc measure:	1		
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83		
Vert measure units:	feet		
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29		
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	135
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**D14**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829261**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404228073562301		
Monloc name:	K 37. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7078804
Longitude:	-73.9393043	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	25.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	130
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**C15**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829242**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404226073564101		
Monloc name:	K 637. 1		
Monloc type:	Well		
Monloc desc:	4101		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7073249
Longitude:	-73.9443045	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	35.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	212
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**16**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FRDS PWS NY0007257**

PWS ID:	NY0007257		
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	MANSFIELD BUNG COLONY GALE ROAD, BOX 123 MONGAUP VALLEY, NY 12762		

Addressee / Facility:	System Owner/Responsible Party ROSENBERG MAYER C/O MAYER ROSENBURG 570 BEDFORD AVE BROOKLYN, NY 11211		
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Facility Latitude:	40 42 51	Facility Longitude:	073 57 14
City Served:	BETHEL (T)		
Treatment Class	Not Reported	Population:	Not Reported

Violations information not reported.

**17**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40000829892**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404321073562801		
Monloc name:	K 679. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7226023
Longitude:	-73.9406933	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	35.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	218
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**18**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829655**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404304073560001		
Monloc name:	K 569. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7178802
Longitude:	-73.9329153	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	190
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**E19**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829963**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404325073563508		
Monloc name:	K 3260. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7237134
Longitude:	-73.9426378	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	28.7
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	23
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 80

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-10-24		12.89	2000-09-27		12.26
2000-08-24		12.89	2000-07-27		13.11
2000-06-28		13.58	2000-05-23		13.47
2000-04-27		13.00	2000-03-22		12.58
2000-02-29		12.01	1999-12-13		12.83
1999-11-23		12.54	1999-10-19		12.73
1999-09-23		12.52	1999-08-17		11.99
1999-07-20		12.49	1999-06-24		12.86
1999-05-18		13.16	1999-04-28		13.32
1999-03-23		12.97	1999-03-02		12.05
1999-01-27		11.50	1998-11-24		11.33
1998-09-29		11.65	1998-09-01		12.13
1998-07-28		12.61	1998-05-28		13.04
1998-04-29		12.48	1998-03-24		12.86
1998-02-26		11.94	1998-01-26		10.65
1997-12-29		11.32	1997-11-26		10.69
1997-10-29		10.78	1997-09-29		11.75
1997-03-24		11.56	1996-07-12		10.24
1995-09-29		10.00	1995-06-22		9.94
1995-01-03		10.61	1994-06-28		10.89
1993-11-22		9.93	1993-08-25		10.16
1993-07-22		10.33	1993-06-22		10.58
1993-05-24		10.71	1993-04-28		11.06
1993-03-26		10.29	1993-01-19		9.89
1992-12-28		9.63	1992-11-20		9.96
1992-10-27		9.50	1992-09-18		9.70
1992-08-24		10.04	1992-07-16		11.74
1992-06-23		9.74	1992-06-15		8.22
1985-10-01		10.36	1985-05-21		10.43
1984-12-28		11.59	1984-10-05		11.26
1984-06-27		11.69	1984-03-15		11.43
1984-01-05		11.29	1983-09-29		10.77
1983-06-29		10.29	1983-03-25		10.29
1982-12-20		10.10	1982-10-06		10.29
1982-07-01		10.38	1982-03-24		10.04
1981-12-30		8.94	1981-09-22		9.59
1981-06-24		9.84	1981-03-18		9.89
1981-02-12		9.83	1980-12-22		10.02
1980-09-23		10.89	1980-06-24		11.27
1980-06-10		11.36	1980-04-11		10.86

**E20  
North  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000829964**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier: USGS-NY  
 Formal name: USGS New York Water Science Center  
 Monloc Identifier: USGS-404325073563509  
 Monloc name: K 3260. 2  
 Monloc type: Well  
 Monloc desc: MONITOR ST. AND DRIGGS AVE., GREENPOINT  
 Huc code: 02030201      Drainagearea value: Not Reported  
 Drainagearea Units: Not Reported      Contrib drainagearea: Not Reported  
 Contrib drainagearea units: Not Reported      Latitude: 40.7237134  
 Longitude: -73.9426378      Sourcemap scale: 24000  
 Horiz Acc measure: 1      Horiz Acc measure units: seconds  
 Horiz Collection method: Interpolated from map  
 Horiz coord refsys: NAD83      Vert measure val: 29  
 Vert measure units: feet      Vertacc measure val: 1  
 Vert accmeasure units: feet  
 Vertcollection method: Level or other surveying method  
 Vert coord refsys: NGVD29      Countrycode: US  
 Aquifername: Northern Atlantic Coastal Plain aquifer system  
 Formation type: Glacial Aquifer, Upper  
 Aquifer type: Unconfined single aquifer  
 Construction date: 20010716      Welldepth: 42.6  
 Welldepth units: ft      Wellholedepth: 45  
 Wellholedepth units: ft

Ground-water levels, Number of Measurements: 39

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2005-02-15		10.95	2005-01-21		11.05
2004-12-15		10.95	2004-11-23		10.98
2004-10-21		11.29	2004-09-21		11.21
2004-08-25		11.08	2004-07-19		10.93
2004-06-16		10.97	2004-05-25		11.13
2004-04-29		11.05	2004-02-25		10.87
2003-12-18		11.04	2003-11-25		10.91
2003-10-29		11.09	2003-09-24		11.24
2003-08-25		11.57	2003-07-21		12.54
2003-06-25		11.55	2003-05-19		11.08
2003-04-28		10.70	2003-01-28		10.66
2002-12-27		10.48	2002-11-26		10.28
2002-10-21		10.03	2002-09-25		9.74
2002-08-27		9.53	2002-07-22		9.75
2002-06-18		9.75	2002-05-29		9.71
2002-04-24		9.50	2002-02-27		9.70
2002-01-28		9.71	2001-12-28		9.87
2001-11-15		10.10	2001-10-24		10.26
2001-09-26		10.31	2001-08-29		10.43
2001-07-24		10.66			

21  
 WSW  
 1/2 - 1 Mile  
 Lower

FED USGS      USGS40000829373

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404238073571501		
Monloc name:	K 672. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7106581
Longitude:	-73.9537492	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	170
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**F22**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829234**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404225073561301		
Monloc name:	K 1130. 1		
Monloc type:	Well		
Monloc desc:	1301		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7070471
Longitude:	-73.9365265	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	18.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	89
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**F23**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829233**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404225073561001		
Monloc name:	K 955. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7070471
Longitude:	-73.9356931	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	18.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	Not Reported	Welldepth:	Not Reported
Wellholedepth units:	ft	Wellholedepth:	72

Ground-water levels, Number of Measurements: 0

**24**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829232**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404225073560701		
Monloc name:	K 893. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7070471
Longitude:	-73.9348598	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	118
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**25**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829247**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404227073560001		
Monloc name:	K 3111. 1		
Monloc type:	Well		
Monloc desc:	0001		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7076027
Longitude:	-73.9329153	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	18.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	95
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**26**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829263**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404228073571801		
Monloc name:	K 670. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7078804
Longitude:	-73.9545825	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	165
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**G27**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829722**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404308073554701		
Monloc name:	K 1977. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7189913
Longitude:	-73.929304	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	163
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**H28**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829805**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404314073572301		
Monloc name:	K 1112. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7206579
Longitude:	-73.9559715	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	7.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	55
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**G29**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829706**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404307073554501		
Monloc name:	K 675. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7187136
Longitude:	-73.9287485	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	13.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	222
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**H30**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829792**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404313073572508		
Monloc name:	K 463. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7203801
Longitude:	-73.956527	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	32
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 106

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1939-11-18		3.22	1939-11-11		3.18
1939-11-04		3.26	1939-10-28		3.28
1939-10-25		3.27	1939-10-18		3.26
1939-10-11		3.39	1939-10-04		3.76
1939-09-23		3.83	1939-09-16		3.77
1939-09-08		3.75	1939-09-01		3.85
1939-08-25		4.13	1939-08-18		4.26
1939-08-11		4.39	1939-08-04		4.52
1939-07-28		4.57	1939-07-21		4.58
1939-07-14		4.59	1939-07-07		4.59
1939-06-30		4.56	1939-06-23		4.58
1939-06-16		4.60	1939-06-09		4.61
1939-06-02		4.58	1939-05-26		4.60
1939-05-19		4.61	1939-05-12		4.62
1939-05-05		4.62	1939-04-28		4.63
1939-04-21		4.64	1939-04-15		4.64
1939-04-08		4.67	1939-03-31		4.72
1939-03-24		4.70	1939-03-17		4.69
1939-03-10		4.73	1939-03-03		4.76
1939-02-24		4.72	1939-02-17		4.73
1939-02-10		4.74	1939-02-03		4.76
1939-01-27		4.78	1939-01-20		4.81
1939-01-13		4.83	1939-01-06		4.85
1938-12-30		4.88	1938-12-23		4.91
1938-12-16		4.91	1938-12-09		4.94
1938-12-02		4.95	1938-11-25		5.03
1938-11-18		5.01	1938-11-11		5.04
1938-11-04		5.09	1938-10-28		5.20
1938-10-21		5.30	1938-10-14		5.97
1938-10-07		5.19	1938-09-30		5.24
1938-09-23		5.27	1938-09-16		4.91
1938-09-09		4.41	1938-09-02		4.41
1938-08-26		4.42	1938-08-19		4.42
1938-08-12		4.40	1938-08-05		4.41
1938-07-29		4.41	1938-07-22		4.40
1938-07-15		4.41	1938-07-08		4.40
1938-07-01		4.42	1938-06-25		4.42
1938-06-18		4.43	1938-06-11		4.43
1938-06-04		4.46	1938-05-28		4.48
1938-05-21		4.60	1938-05-14		4.78
1938-05-07		4.79	1938-04-30		4.81
1938-04-23		4.87	1938-04-16		4.88
1938-04-09		5.12	1938-04-02		5.05
1938-03-26		4.65	1938-03-19		4.63
1938-03-12		4.63	1938-03-05		4.66
1938-02-26		4.67	1938-02-19		4.68
1938-02-04		4.72	1938-01-28		4.72
1938-01-21		4.74	1938-01-14		4.77
1938-01-07		4.81	1937-12-31		4.81
1937-12-24		4.86	1937-12-18		4.88

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1937-12-11		4.87	1937-12-04		4.80
1937-11-27		4.76	1937-11-20		4.73
1937-11-13		4.40	1937-11-08		4.40

**31**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829203**

Org. Identifier:	USGS-NY			
Formal name:	USGS New York Water Science Center			
Monloc Identifier:	USGS-404223073571601			
Monloc name:	K 717. 1			
Monloc type:	Well			
Monloc desc:	Not Reported			
Huc code:	02030201	Drainagearea value:	Not Reported	
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported	
Contrib drainagearea units:	Not Reported	Latitude:	40.7064915	
Longitude:	-73.954027	Sourcemap scale:	24000	
Horiz Acc measure:	1	Horiz Acc measure units:	seconds	
Horiz Collection method:	Interpolated from map			
Horiz coord refsys:	NAD83	Vert measure val:	45.0	
Vert measure units:	feet	Vertacc measure val:	0.1	
Vert accmeasure units:	feet			
Vertcollection method:	Level or other surveying method			
Vert coord refsys:	NGVD29	Countrycode:	US	
Aquifername:	Not Reported			
Formation type:	Not Reported			
Aquifer type:	Not Reported			
Construction date:	Not Reported		Welldepth:	Not Reported
Welldepth units:	Not Reported		Wellholedepth:	202
Wellholedepth units:	ft			

Ground-water levels, Number of Measurements: 0

**I32**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829561**

Org. Identifier:	USGS-NY			
Formal name:	USGS New York Water Science Center			
Monloc Identifier:	USGS-404256073573401			
Monloc name:	K 1303. 1			
Monloc type:	Well			
Monloc desc:	3401			
Huc code:	02030201	Drainagearea value:	Not Reported	
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported	
Contrib drainagearea units:	Not Reported	Latitude:	40.715658	
Longitude:	-73.9590271	Sourcemap scale:	24000	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	16.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	90
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**H33**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829834**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404317073572501		
Monloc name:	K 49. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7214912
Longitude:	-73.956527	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	18.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	333
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**34**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829806**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404314073572801		
Monloc name:	K 50. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7206579
Longitude:	-73.9573604	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	16.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	157
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**35**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000830081**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404333073560801		
Monloc name:	K 689. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7259356
Longitude:	-73.9351376	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	31.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	160
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**136**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829572**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404257073573701		
Monloc name:	K 2262. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7159358
Longitude:	-73.9598605	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	61
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**37**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829033**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404206073564601		
Monloc name:	K 3483. 1		
Monloc type:	Well		
Monloc desc:	Throop Ave and Bartleet St, Tompkins Park North		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7017694
Longitude:	-73.9456934	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	16
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Unconfined single aquifer		
Construction date:	20001018	Welldepth:	45.6
Welldepth units:	ft	Wellholedepth:	45.6
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**38**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000829248**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404227073573001		
Monloc name:	K 67. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7076026
Longitude:	-73.957916	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	47.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 475

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1975-10-07		13.99	1975-06-30		14.09
1975-03-26		15.35	1974-12-19		9.86
1974-09-04		9.70	1974-06-26		9.64
1974-03-19		9.89	1974-01-09		8.60
1973-10-02		10.47	1973-09-25		11.70
1973-07-09		4.20	1973-04-03		4.51
1972-12-27		4.38	1972-10-02		5.00
1972-07-10		4.90	1972-03-28		4.71
1972-01-13		4.63	1971-09-23		4.81
1971-03-08		6.91	1970-11-02		7.01
1970-03-13		4.41	1969-11-12		4.06
1969-09-03		3.48	1969-04-22		3.00
1968-11-06		2.61	1968-04-22		2.52
1967-10-20		2.07	1967-03-28		1.72
1966-10-24		1.29	1966-05-03		1.12
1965-10-27		1.02	1965-09-14		0.85
1965-05-03		0.89	1964-10-02		1.10
1964-04-23		1.15	1963-10-19		0.89
1963-04-29		1.18	1962-11-23		1.03
1962-04-26		-0.25	1961-12-28		-0.96
1961-10-02		-2.51	1961-06-28		-4.80
1961-03-28		-6.02	1960-12-27		-5.64
1960-09-28		-3.96	1960-07-05		-2.45
1960-03-31		-0.96	1960-01-14		-1.24
1959-10-07		-1.05	1959-07-16		-1.34
1959-03-18		-1.14	1958-04-16		-2.07
1958-01-10		-2.02	1957-09-24		-2.67
1957-03-27		-1.90	1956-12-18		-1.57
1956-11-29		-1.52	1956-10-25		-1.45
1956-10-02		-1.15	1956-08-02		-0.67
1956-07-03		-0.34	1956-06-05		-0.35
1956-05-15		-0.44	1956-03-05		-1.05
1956-02-07		-1.17	1955-12-22		-1.36
1955-11-15		-1.89	1955-10-07		-2.36
1955-08-25		-3.01	1955-07-26		-3.37
1955-06-23		-3.46	1955-05-25		-3.49
1955-04-26		-3.64	1955-03-28		-3.89
1955-02-21		-4.20	1955-01-25		-4.29
1954-12-27		-4.60	1954-12-02		-4.73
1954-08-25		-5.63	1954-07-29		-5.70
1954-06-29		-5.50	1954-05-27		-5.26

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1954-04-28		-5.10	1954-03-30		-5.00
1954-02-25		-4.83	1954-01-28		-4.82
1953-12-23		-4.80	1953-12-02		-4.80
1953-10-28		-5.00	1953-10-02		-5.39
1953-08-28		-5.82	1953-08-03		-6.07
1953-06-24		-6.31	1953-05-25		-6.51
1953-04-27		-6.88	1953-03-24		-7.38
1953-02-27		-7.71	1953-02-05		-8.10
1952-12-23		-8.77	1952-12-05		-8.99
1952-11-03		-9.45	1952-09-22		-10.08
1952-08-25		-10.52	1952-07-23		-10.92
1952-06-24		-11.04	1952-05-27		-11.28
1952-04-29		-11.60	1952-03-24		-12.02
1952-02-20		-12.48	1952-01-29		-12.74
1951-12-20		-13.14	1951-11-28		-13.42
1951-11-02		-13.69	1951-09-26		-14.15
1951-08-28		-14.33	1951-07-26		-14.38
1951-06-28		-14.42	1951-05-29		-14.38
1951-05-02		-14.49	1951-03-27		-14.80
1951-02-26		-14.94	1951-01-30		-15.10
1950-12-20		-15.31	1950-11-28		-15.40
1950-10-31		-15.55	1950-09-27		-15.80
1950-08-29		-16.10	1950-07-27		-16.05
1950-06-29		-15.88	1950-06-05		-15.58
1950-04-27		-15.63	1950-03-29		-15.65
1950-03-01		-15.70	1950-01-26		-15.80
1949-12-28		-16.00	1949-11-28		-16.15
1949-10-31		-16.29	1949-09-28		-16.54
1949-08-31		-16.98	1949-07-28		-17.06
1949-06-30		-17.15	1949-06-01		-16.97
1949-04-28		-17.18	1949-04-05		-17.32
1949-02-21		-17.65	1949-01-27		-17.82
1948-12-28		-18.04	1948-12-09		-18.25
1948-11-04		-18.32	1948-10-04		-18.80
1948-08-30		-18.97	1948-07-26		-19.32
1948-06-30		-19.22	1948-06-01		-19.32
1948-04-27		-19.68	1947-12-16		-20.05
1947-11-26		-20.13	1947-11-20		-20.14
1947-10-31		-20.30	1947-10-14		-20.34
1947-10-07		-20.41	1947-09-30		-20.48
1947-09-15		-20.91	1947-08-27		-20.84
1947-08-13		-20.80	1947-07-30		-20.80
1947-07-23		-20.80	1947-07-16		-20.68
1947-07-07		-20.57	1947-07-02		-20.53
1947-07-01		-20.50	1947-06-24		-20.47
1947-05-27		-20.30	1947-05-07		-20.17
1947-04-04		-20.10	1947-03-05		-20.00
1947-01-24		-19.86	1946-12-27		-19.83
1946-11-26		-19.75	1946-10-22		-19.90
1946-09-26		-20.14	1946-09-16		-20.10
1946-07-26		-19.90	1946-07-01		-19.69
1946-06-10		-19.50	1946-05-10		-19.42
1946-04-12		-19.44	1946-03-18		-19.46
1946-02-15		-19.58	1946-01-08		-19.55
1945-12-04		-19.64	1945-11-06		-19.64

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1945-09-28		-19.70	1945-09-12		-19.84
1945-08-08		-19.73	1945-07-03		-19.53
1945-06-04		-19.17	1945-04-27		-19.30
1945-04-04		-19.40	1945-03-03		-19.35
1945-01-02		-19.38	1944-12-06		-19.77
1944-10-28		-19.29	1944-10-04		-19.39
1944-09-02		-19.57	1944-07-31		-19.52
1944-07-05		-19.24	1944-05-27		-19.17
1944-05-05		-19.16	1944-03-30		-19.01
1944-02-26		-18.94	1944-01-29		-18.87
1944-01-01		-18.97	1943-11-27		-18.99
1943-10-30		-18.98	1943-09-25		-19.12
1943-08-28		-19.18	1943-07-31		-19.22
1943-06-26		-19.19	1943-05-29		-19.20
1943-05-01		-19.25	1943-03-27		-19.28
1943-02-27		-19.27	1943-01-30		-19.27
1943-01-02		-19.30	1942-12-26		-19.26
1942-12-12		-19.15	1942-12-05		-19.15
1942-11-28		-19.14	1942-11-21		-19.13
1942-11-14		-19.11	1942-11-07		-19.13
1942-10-31		-19.13	1942-10-24		-19.15
1942-10-17		-19.16	1942-10-10		-19.16
1942-09-26		-19.17	1942-09-19		-19.18
1942-09-12		-19.18	1942-09-05		-19.19
1942-08-29		-19.22	1942-08-22		-19.25
1942-08-15		-19.39	1942-08-08		-19.31
1942-08-01		-19.34	1942-07-25		-19.38
1942-07-18		-19.42	1942-07-11		-19.48
1942-07-04		-19.55	1942-06-27		-19.62
1942-06-20		-19.71	1942-06-13		-19.80
1942-06-06		-19.88	1942-05-30		-19.93
1942-05-23		-19.95	1942-05-16		-19.99
1942-05-09		-20.04	1942-05-02		-20.08
1942-04-25		-20.11	1942-04-18		-20.14
1942-04-11		-20.15	1942-04-04		-20.16
1942-03-28		-20.21	1942-03-21		-20.24
1942-03-14		-20.24	1942-03-07		-20.26
1942-02-28		-20.30	1942-02-21		-20.30
1942-02-14		-20.35	1942-02-07		-20.37
1942-01-31		-20.46	1942-01-24		-20.49
1942-01-17		-20.52	1942-01-10		-20.55
1942-01-03		-20.59	1941-12-27		-20.61
1941-12-20		-20.63	1941-12-13		-20.66
1941-12-06		-20.69	1941-11-29		-20.71
1941-11-22		-20.74	1941-11-15		-20.74
1941-11-08		-20.74	1941-11-01		-20.74
1941-10-25		-20.74	1941-10-18		-20.74
1941-10-11		-20.75	1941-10-04		-20.74
1941-09-27		-20.74	1941-09-20		-20.73
1941-09-13		-20.73	1941-09-06		-20.73
1941-08-30		-20.71	1941-08-23		-20.69
1941-08-16		-20.69	1941-08-09		-20.67
1941-08-02		-20.67	1941-07-26		-20.64
1941-07-19		-20.62	1941-07-12		-20.60
1941-07-05		-20.58	1941-06-28		-20.56

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1941-06-21		-20.54	1941-06-14		-20.52
1941-06-07		-20.50	1941-05-31		-20.49
1941-05-24		-20.48	1941-05-17		-20.45
1941-05-10		-20.45	1941-05-03		-20.45
1941-04-26		-20.41	1941-04-19		-20.41
1941-04-12		-20.38	1941-04-05		-20.37
1941-03-29		-20.35	1941-03-22		-20.35
1941-03-15		-20.33	1941-03-08		-20.31
1941-03-01		-20.31	1941-02-22		-20.31
1941-02-15		-20.32	1941-02-08		-20.35
1941-02-01		-20.30	1941-01-25		-20.30
1941-01-18		-20.29	1941-01-11		-20.28
1941-01-04		-20.28	1940-12-28		-20.28
1940-12-21		-20.26	1940-12-14		-20.27
1940-12-07		-20.25	1940-11-30		-20.25
1940-11-23		-20.22	1940-11-16		-20.21
1940-11-09		-20.21	1940-11-02		-20.22
1940-10-26		-20.22	1940-10-19		-20.21
1940-10-12		-20.20	1940-10-05		-20.19
1940-09-28		-20.19	1940-09-21		-20.14
1940-09-14		-20.13	1940-09-07		-20.10
1940-08-31		-20.07	1940-08-24		-20.05
1940-08-17		-20.03	1940-08-10		-20.02
1940-08-03		-19.99	1940-07-27		-19.99
1940-07-20		-19.98	1940-07-13		-19.97
1940-07-06		-19.96	1940-06-29		-19.91
1940-06-22		-19.92	1940-06-15		-19.91
1940-06-08		-19.88	1940-06-01		-19.91
1940-05-25		-19.90	1940-05-18		-19.87
1940-05-11		-19.85	1940-05-04		-19.87
1940-04-27		-19.84	1940-04-20		-19.80
1940-04-13		-19.82	1940-04-06		-19.78
1940-03-30		-19.81	1940-03-23		-19.80
1940-03-16		-19.79	1940-03-09		-19.78
1940-03-02		-19.73	1940-02-24		-19.69
1940-02-17		-19.72	1940-02-10		-19.74
1940-02-03		-19.73	1940-01-27		-19.71
1940-01-20		-19.71	1940-01-13		-19.71
1940-01-06		-19.72	1939-12-30		-19.72
1939-12-23		-19.74	1939-12-16		-19.70
1939-12-09		-19.67	1939-12-02		-19.66
1939-11-25		-19.67	1939-11-18		-19.65
1939-11-11		-19.66	1939-11-04		-19.67
1939-10-28		-19.63	1939-10-21		-19.62
1939-10-14		-19.54	1939-10-07		-19.63
1939-09-30		-19.57	1939-09-23		-19.63
1939-09-16		-19.47	1939-09-08		-19.43
1939-09-01		-19.34	1939-08-25		-19.29
1939-08-18		-19.23	1939-08-11		-19.10
1939-08-04		-19.08	1939-07-28		-19.13
1939-07-21		-19.00	1939-07-14		-18.86
1939-07-07		-18.85	1939-06-30		-18.65
1939-06-23		-18.65	1939-06-16		-18.63
1939-06-09		-18.61	1939-06-02		-18.63
1939-05-26		-18.63	1939-05-19		-18.62

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1939-05-12		-18.65	1939-05-05		-18.63
1939-04-28		-18.64	1939-04-21		-18.64
1939-04-08		-18.63	1939-03-31		-18.73
1939-03-24		-18.73	1939-03-17		-18.73
1939-03-10		-18.73	1939-02-24		-18.75
1939-02-17		-18.70	1939-02-10		-18.72
1939-02-03		-18.78	1939-01-27		-18.82
1939-01-13		-18.85	1939-01-06		-18.90
1938-12-30		-18.90	1938-12-16		-18.90
1938-12-09		-18.89	1938-11-25		-18.93
1938-11-18		-18.89	1938-11-11		-18.90
1938-11-04		-18.89	1938-10-28		-18.88
1938-10-21		-18.85	1938-10-14		-18.86
1938-10-07		-18.86	1938-09-30		-18.85
1938-09-16		-18.91	1938-09-09		-18.87
1938-09-02		-18.90	1938-08-19		-18.83
1938-08-12		-18.83	1938-08-05		-18.78
1938-07-29		-18.76	1938-07-22		-18.75
1938-07-01		-18.71	1938-06-25		-18.69
1938-04-23		-18.57	1938-04-16		-18.55
1938-04-09		-18.51	1938-04-02		-18.51
1938-03-26		-18.49	1938-03-19		-18.55
1938-03-12		-18.58	1938-03-05		-18.60
1938-02-26		-18.65	1938-02-19		-18.64
1938-02-12		-18.67	1938-02-04		-18.65
1938-01-28		-18.66	1938-01-21		-18.64
1938-01-14		-18.67	1938-01-07		-18.66
1937-12-31		-18.68	1937-12-24		-18.66
1937-12-18		-18.56	1937-12-11		-18.63
1937-12-04		-18.62	1937-11-27		-18.61
1937-11-20		-18.56	1937-11-13		-18.60
1937-11-08		-18.60			

**39  
SE  
1/2 - 1 Mile  
Lower**

**FED USGS**

**USGS40000829116**

Org. Identifier:	USGS-NY	Drainagearea value:	Not Reported
Formal name:	USGS New York Water Science Center	Contrib drainagearea:	Not Reported
Monloc Identifier:	USGS-404215073555501	Latitude:	40.7042694
Monloc name:	K 894. 1	Sourcemap scale:	24000
Monloc type:	Well	Horiz Acc measure units:	seconds
Monloc desc:	Not Reported	Vert measure val:	30.0
Huc code:	02030201	Vertacc measure val:	0.1
Drainagearea Units:	Not Reported	Countrycode:	US
Contrib drainagearea units:	Not Reported		
Longitude:	-73.9315263		
Horiz Acc measure:	1		
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83		
Vert measure units:	feet		
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29		
Aquifername:	Not Reported		
Formation type:	Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported  
 Construction date: Not Reported  
 Welldepth units: Not Reported  
 Wellholeddepth units: ft  
 Welldepth: Not Reported  
 Wellholeddepth: 282

Ground-water levels, Number of Measurements: 0

**J40**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

FED USGS

USGS40000829064

Org. Identifier: USGS-NY  
 Formal name: USGS New York Water Science Center  
 Monloc Identifier: USGS-404209073570601  
 Monloc name: K 29.1  
 Monloc type: Well  
 Monloc desc: Not Reported  
 Huc code: 02030201  
 Drainagearea Units: Not Reported  
 Contrib drainagearea units: Not Reported  
 Longitude: -73.9512491  
 Horiz Acc measure: 1  
 Horiz Collection method: Interpolated from map  
 Horiz coord refsys: NAD83  
 Vert measure units: Not Reported  
 Vert accmeasure units: Not Reported  
 Vertcollection method: Not Reported  
 Vert coord refsys: Not Reported  
 Aquifername: Not Reported  
 Formation type: Not Reported  
 Aquifer type: Not Reported  
 Construction date: Not Reported  
 Welldepth units: ft  
 Wellholeddepth units: Not Reported  
 Drainagearea value: Not Reported  
 Contrib drainagearea: Not Reported  
 Latitude: 40.7026027  
 Sourcemap scale: 24000  
 Horiz Acc measure units: seconds  
 Vert measure val: Not Reported  
 Vertacc measure val: Not Reported  
 Countrycode: US  
 Welldepth: 78  
 Wellholeddepth: Not Reported

Ground-water levels, Number of Measurements: 66

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1939-03-24		-24.57	1939-03-12		-24.72
1939-03-10		-24.62	1939-03-03		-24.59
1939-02-24		-24.54	1939-02-17		-24.52
1939-02-10		-24.50	1939-02-03		-24.54
1939-01-27		-24.80	1939-01-20		-24.78
1939-01-13		-24.68	1939-01-06		-24.70
1938-12-30		-24.76	1938-12-23		-24.88
1938-12-16		-24.94	1938-12-02		-25.00
1938-11-25		-24.97	1938-11-18		-24.89
1938-11-11		-24.69	1938-11-04		-24.89
1938-10-28		-24.88	1938-10-21		-24.85
1938-10-14		-24.85	1938-10-07		-24.77
1938-09-30		-24.67	1938-09-16		-25.10
1938-09-09		-24.94	1938-09-02		-24.96
1938-08-26		-24.86	1938-08-19		-24.93
1938-08-12		-24.89	1938-08-05		-24.83
1938-07-22		-24.84	1938-07-15		-24.79
1938-07-08		-24.61	1938-07-01		-24.63
1938-06-11		-24.41	1938-06-04		-24.43

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1938-05-28		-24.40	1938-05-21		-24.46
1938-05-07		-24.34	1938-04-30		-24.37
1938-04-23		-24.43	1938-04-16		-24.47
1938-04-09		-23.90	1938-03-26		-24.07
1938-03-19		-24.32	1938-03-12		-24.18
1938-03-05		-24.09	1938-02-26		-24.48
1938-02-19		-24.59	1938-02-12		-24.44
1938-02-04		-24.76	1938-01-28		-24.88
1938-01-21		-24.73	1938-01-14		-24.82
1938-01-07		-24.65	1937-12-31		-24.78
1937-12-24		-24.75	1937-12-18		-24.63
1937-12-11		-24.90	1937-12-04		-24.89
1937-11-27		-24.89	1937-11-20		-24.88
1937-11-13		-24.63	1937-11-08		-24.81

**41**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS**

**USGS40000829330**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404234073553601		
Monloc name:	K 1990. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7095471
Longitude:	-73.9262484	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	70
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**J42**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS**

**USGS40000829065**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404209073570908		
Monloc name:	K 65. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7026027
Longitude:	-73.9520825	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	59
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 468

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1968-11-06		0.65	1967-10-20		0.51
1966-10-24		5.43	1966-05-03		-0.40
1965-10-27		-0.59	1965-09-14		-0.71
1965-05-03		6.73	1964-10-30		-1.63
1964-04-23		-0.90	1963-10-19		-1.07
1963-04-29		-0.68	1962-11-09		-0.71
1962-04-26		-0.70	1961-12-27		-1.75
1961-10-02		-2.95	1961-06-29		-3.94
1960-09-28		-2.66	1960-07-05		-3.44
1960-03-30		-3.13	1960-01-14		-2.56
1959-10-07		-3.82	1959-07-16		-3.40
1959-03-18		-2.75	1958-01-10		-4.35
1957-09-24		-4.66	1957-06-27		-4.47
1957-03-27		-4.08	1956-12-18		-3.97
1956-11-29		-3.93	1956-10-25		-3.90
1956-10-02		-3.73	1956-08-02		-3.44
1956-07-03		-3.89	1956-06-05		-3.79
1956-05-15		-3.39	1956-03-05		-3.44
1956-02-07		-3.93	1955-12-22		-4.25
1955-11-15		-4.60	1955-10-07		-5.48
1955-07-26		-5.49	1955-06-23		-5.20
1955-05-25		-5.22	1955-04-26		-5.09
1955-03-29		-5.63	1955-02-21		-5.60
1955-01-25		-5.77	1954-12-27		-6.03
1954-12-02		-6.27	1954-10-28		-6.53
1954-10-05		-6.63	1954-08-25		-6.82
1954-07-29		-6.99	1954-06-29		-6.85
1954-05-27		-6.78	1954-04-28		-6.56
1954-03-30		-6.57	1954-02-25		-6.36
1954-01-28		-6.33	1953-12-23		-6.26
1953-12-02		-6.25	1953-10-28		-6.58

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1953-10-02		-6.93	1953-08-28		-6.51
1953-08-03		-7.14	1953-06-24		-7.58
1953-05-25		-7.91	1953-04-27		-7.81
1953-02-27		-9.00	1953-02-05		-9.57
1952-12-18		-10.41	1952-11-03		-11.24
1952-09-22		-11.98	1952-08-25		-12.18
1952-07-23		-12.75	1952-06-24		-12.99
1952-05-27		-13.34	1952-04-29		-13.64
1952-03-24		-14.18	1952-02-20		-14.88
1952-01-29		-14.67	1951-12-20		-15.96
1951-11-28		-16.21	1951-11-02		-16.49
1951-09-26		-17.06	1951-08-28		-17.20
1951-07-26		-17.23	1951-06-28		-17.32
1951-05-29		-17.51	1951-05-02		-17.80
1951-03-27		-18.22	1951-02-26		-18.21
1951-01-30		-18.55	1950-12-20		-18.96
1950-11-28		-18.95	1950-10-31		-19.20
1950-09-27		-19.43	1950-08-29		-19.27
1950-07-27		-19.13	1950-06-29		-19.19
1950-06-05		-18.95	1950-04-27		-19.09
1950-03-29		-19.03	1950-03-01		-19.20
1950-01-26		-19.43	1949-12-28		-19.61
1949-11-28		-19.89	1949-10-31		-19.90
1949-09-28		-20.13	1949-08-31		-20.33
1949-07-28		-20.50	1949-06-30		-20.74
1949-06-01		-20.78	1949-04-28		-21.18
1949-04-05		-21.42	1949-02-21		-22.00
1949-01-27		-22.17	1948-12-28		-22.46
1948-12-09		-22.77	1948-11-04		-22.89
1948-10-04		-23.16	1948-08-30		-23.18
1948-07-23		-23.50	1948-06-30		-23.67
1948-06-02		-23.92	1948-04-27		-24.29
1948-03-26		-24.62	1948-03-02		-24.74
1948-02-03		-24.96	1948-01-07		-25.10
1947-12-16		-25.56	1947-11-26		-25.53
1947-11-20		-25.52	1947-10-31		-25.66
1947-10-14		-25.69	1947-10-07		-25.75
1947-09-30		-25.72	1947-09-15		-25.83
1947-08-27		-25.80	1947-08-13		-25.73
1947-07-30		-25.90	1947-07-23		-25.93
1947-07-16		-25.70	1947-07-07		-25.71
1947-07-02		-25.76	1947-07-01		-25.71
1947-06-30		-25.73	1947-06-24		-25.65
1947-05-27		-25.71	1947-05-07		-25.71
1947-04-04		-25.70	1947-03-05		-25.47
1947-01-24		-25.32	1946-12-27		-25.40
1946-11-26		-25.26	1946-10-22		-25.27
1946-09-26		-25.19	1946-08-30		-25.13
1946-07-26		-24.90	1946-07-01		-24.69
1946-06-10		-24.57	1946-05-10		-24.52
1946-04-12		-24.62	1946-03-18		-24.66
1946-02-15		-24.86	1946-01-08		-25.12
1945-12-04		-25.27	1945-11-06		-25.40
1945-09-28		-25.27	1945-09-12		-25.19
1945-08-08		-25.10	1945-07-03		-25.01

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1945-06-04		-24.81	1945-04-27		-24.78
1945-04-04		-24.87	1945-03-03		-24.74
1945-02-06		-24.85	1945-01-02		-25.06
1944-12-06		-25.06	1944-10-28		-25.12
1944-10-04		-25.19	1944-09-02		-25.23
1944-07-31		-25.14	1944-07-01		-24.97
1944-06-03		-24.70	1944-05-05		-24.81
1944-03-30		-24.56	1944-02-26		-24.76
1944-01-29		-24.66	1944-01-01		-24.80
1943-11-27		-25.11	1943-10-30		-25.40
1943-09-25		-25.48	1943-08-28		-25.44
1943-07-31		-25.53	1943-06-26		-25.58
1943-05-29		-25.61	1943-05-01		-25.66
1943-03-27		-25.68	1943-02-27		-25.78
1943-01-30		-25.88	1943-01-02		-25.73
1942-12-26		-25.91	1942-12-19		-26.15
1942-12-12		-26.01	1942-12-05		-26.14
1942-11-28		-26.03	1942-11-21		-26.07
1942-11-14		-26.08	1942-11-07		-26.02
1942-10-31		-25.92	1942-10-24		-26.02
1942-10-17		-25.89	1942-10-10		-25.94
1942-10-03		-25.91	1942-09-26		-25.90
1942-09-19		-25.80	1942-09-12		-25.77
1942-09-04		-25.79	1942-08-29		-25.71
1942-08-22		-25.58	1942-08-15		-25.60
1942-08-08		-25.52	1942-08-01		-25.69
1942-07-25		-25.78	1942-07-18		-25.66
1942-07-11		-25.73	1942-07-04		-25.93
1942-06-27		-25.99	1942-06-20		-26.02
1942-06-13		-26.08	1942-06-06		-26.13
1942-05-30		-26.14	1942-05-23		-26.17
1942-05-16		-26.25	1942-05-09		-26.33
1942-05-02		-26.36	1942-04-25		-26.40
1942-04-18		-26.37	1942-04-11		-26.36
1942-04-04		-26.46	1942-03-28		-26.49
1942-03-21		-26.54	1942-03-14		-26.51
1942-03-07		-26.73	1942-02-28		-26.60
1942-02-21		-26.57	1942-02-14		-26.58
1942-02-07		-26.47	1942-01-31		-26.61
1942-01-24		-26.72	1942-01-17		-26.85
1942-01-10		-26.65	1942-01-03		-26.85
1941-12-27		-26.75	1941-12-20		-26.90
1941-12-13		-26.85	1941-12-06		-26.97
1941-11-29		-27.04	1941-11-22		-26.97
1941-11-15		-27.04	1941-11-08		-27.11
1941-11-01		-26.98	1941-10-25		-27.03
1941-10-18		-27.03	1941-10-11		-27.04
1941-10-04		-26.89	1941-09-27		-26.99
1941-09-20		-26.95	1941-09-13		-26.95
1941-09-06		-26.80	1941-08-30		-26.85
1941-08-23		-26.80	1941-08-16		-26.72
1941-08-09		-26.66	1941-08-02		-26.74
1941-07-26		-26.65	1941-07-19		-26.60
1941-07-12		-26.61	1941-07-05		-26.60
1941-06-28		-26.59	1941-06-21		-26.58

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1941-06-14		-26.45	1941-06-07		-26.58
1941-05-31		-26.46	1941-05-24		-26.47
1941-05-17		-26.41	1941-05-10		-26.45
1941-05-03		-26.46	1941-04-26		-26.37
1941-04-19		-26.36	1941-04-12		-26.37
1941-04-05		-26.24	1941-03-29		-26.25
1941-03-22		-26.31	1941-03-15		-26.26
1941-03-08		-25.99	1941-03-01		-26.16
1941-02-22		-26.21	1941-02-15		-26.15
1941-02-08		-26.17	1941-02-01		-26.29
1941-01-25		-26.22	1941-01-18		-26.25
1941-01-11		-26.20	1941-01-04		-26.03
1940-12-28		-26.13	1940-12-21		-26.21
1940-12-14		-26.32	1940-12-07		-26.16
1940-11-30		-26.23	1940-11-23		-26.17
1940-11-16		-26.16	1940-11-09		-26.23
1940-11-02		-26.06	1940-10-26		-26.13
1940-10-19		-26.13	1940-10-12		-26.06
1940-10-05		-26.09	1940-09-28		-26.01
1940-09-21		-25.90	1940-09-14		-25.92
1940-09-07		-25.81	1940-08-31		-25.76
1940-08-24		-25.78	1940-08-17		-25.66
1940-08-10		-25.50	1940-08-03		-25.75
1940-07-27		-25.74	1940-07-20		-25.68
1940-07-13		-25.66	1940-07-06		-25.52
1940-06-29		-25.60	1940-06-22		-25.65
1940-06-15		-25.56	1940-06-08		-25.57
1940-05-29		-25.58	1940-05-25		-25.55
1940-05-18		-25.52	1940-05-11		-25.51
1940-05-04		-25.46	1940-04-27		-25.51
1940-04-20		-25.41	1940-04-13		-25.38
1940-04-06		-25.58	1940-03-30		-25.53
1940-03-23		-25.60	1940-03-16		-25.60
1940-03-09		-25.61	1940-03-02		-25.67
1940-02-24		-25.61	1940-02-17		-25.66
1940-02-10		-25.59	1940-02-03		-25.68
1940-01-27		-25.69	1940-01-20		-25.70
1940-01-13		-25.73	1940-01-06		-25.68
1939-12-30		-25.57	1939-12-23		-25.91
1939-12-16		-25.76	1939-12-09		-25.84
1939-12-02		-25.67	1939-11-25		-25.75
1939-11-18		-25.71	1939-11-11		-25.70
1939-11-04		-25.81	1939-10-28		-25.99
1939-10-21		-25.79	1939-10-14		-25.71
1939-10-07		-25.89	1939-09-30		-25.94
1939-09-23		-26.08	1939-09-15		-26.30
1939-09-08		-26.63	1939-09-01		-27.89
1939-08-25		-28.34	1939-08-18		-28.25
1939-08-11		-28.20	1939-08-04		-28.12
1939-07-28		-28.02	1939-07-21		-27.94
1939-07-14		-27.67	1939-07-07		-27.59
1939-06-30		-27.30	1939-06-23		-27.00
1939-06-16		-26.52	1939-06-09		-25.65
1939-06-02		-24.41	1939-05-26		-24.46
1939-05-19		-24.42	1939-05-12		-24.51

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1939-05-05		-24.44	1939-04-28		-24.49
1939-04-21		-24.52	1939-04-15		-24.35
1939-03-31		-24.41	1939-03-24		-24.40
1939-03-17		-24.51	1939-03-10		-24.49
1939-03-03		-24.49	1939-02-24		-24.36
1939-02-17		-24.45	1939-02-10		-24.43
1939-02-03		-24.44	1939-01-27		-24.64
1939-01-20		-24.68	1939-01-13		-24.65
1939-01-06		-24.55	1938-12-30		-24.63
1938-12-23		-24.81	1938-12-16		-24.86
1938-12-09		-24.78	1938-12-02		-24.91
1938-11-25		-24.86	1938-11-18		-24.86
1938-11-11		-24.76	1938-11-04		-24.86
1938-10-28		-24.86	1938-10-21		-24.76
1938-10-14		-24.70	1938-10-07		-24.75
1938-09-30		-24.45	1938-09-23		-24.66
1938-09-16		-24.93	1938-09-09		-24.85
1938-09-02		-24.84	1938-08-26		-24.81
1938-08-19		-24.81	1938-08-12		-24.78
1938-08-05		-24.60	1938-07-29		-24.64
1938-07-22		-24.70	1938-07-15		-24.64
1938-07-08		-24.60	1938-07-01		-24.59
1938-06-28		-24.52	1938-06-21		-24.46
1938-06-14		-24.51	1938-06-07		-24.36
1938-05-21		-24.44	1938-05-14		-24.42
1938-05-07		-24.40	1938-04-30		-24.39
1938-04-23		-24.48	1938-04-16		-24.52
1938-04-09		-24.01	1938-04-02		-24.39
1938-03-26		-24.23	1938-03-19		-24.41
1938-03-12		-24.31	1938-03-05		-24.20
1938-02-26		-24.48	1938-02-19		-24.52
1938-02-04		-24.61	1938-01-28		-24.74
1938-01-21		-24.66	1938-01-14		-24.71
1938-01-07		-24.48	1937-12-31		-24.66
1937-12-24		-24.76	1937-12-18		-24.65
1937-12-11		-24.86	1937-12-04		-24.84
1937-11-27		-24.88	1937-11-20		-24.89
1937-11-13		-25.12	1937-11-08		-24.94

43  
ESE  
1/2 - 1 Mile  
Lower

FED USGS USGS40000829283

Org. Identifier:	USGS-NY	Drainagearea value:	Not Reported
Formal name:	USGS New York Water Science Center	Contrib drainagearea:	Not Reported
Monloc Identifier:	USGS-404230073553701	Latitude:	40.708436
Monloc name:	K 2598. 1	Sourcemap scale:	24000
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201		
Drainagearea Units:	Not Reported		
Contrib drainagearea units:	Not Reported		
Longitude:	-73.9265262		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	7.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**44**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000829052**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404208073560201		
Monloc name:	K 36.1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.702325
Longitude:	-73.9334708	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	35.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	115
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

1

**WSW**

1/2 - 1 Mile

OIL\_GAS

NYOG7000000029

Api wellno:	31061236030000	Cnty:	New York
Hole:	23603	Sidetck:	0
Completion:	0		
Well nm:	MPP - 5		
Coname:	New York City Dept. of Environmental Protection		
Opno:	2127		
Dt approv:	28-JAN-05	Dt spud:	28-MAR-01
Dt comp:	18-JAN-01	Well typ:	Stratigraphic
Dtd:	645		
WI status:	Plugged and Abandoned	Town:	Manhattan
Field:	Not Applicable	Prodform:	Not Applicable
Xloc:	-73.95824		
Yloc:	40.70885		
Confid:	Released		
Wellst:	Other Well Plugged		
Quad:	Jersey City	Quadsec:	C
Deepestfor:	None Specified	Elevation:	19
Dt mod:	26-APR-06	Site id:	NYOG7000000029

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

Federal EPA Radon Zone for KINGS County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

<u>Area</u>	<u>Average Activity</u>	<u>% &lt;4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% &gt;20 pCi/L</u>
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### New York Public Water Wells

Source: New York Department of Health

Telephone: 518-458-6731

## OTHER STATE DATABASE INFORMATION

#### Oil and Gas Well Database

Department of Environmental Conservation

Telephone: 518-402-8072

These files contain records, in the database, of wells that have been drilled.

### RADON

#### State Database: NY Radon

Source: Department of Health

Telephone: 518-402-7556

Radon Test Results

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

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**APPENDIX F**  
**AERIAL PHOTOGRAPHS**



**771 Metropolitan Ave**

771 Metropolitan Ave

Brooklyn, NY 11211

Inquiry Number: 4109065.9

October 19, 2014

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th Floor  
Shelton, Connecticut 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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**Date EDR Searched Historical Sources:**

Aerial Photography October 19, 2014

**Target Property:**

771 Metropolitan Ave

Brooklyn, NY 11211

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1924	Aerial Photograph. Scale: 1"=500'	Flight Date: July 01, 1924	EDR
1951	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1951	EDR Proprietary Aerial Viewpoint
1954	Aerial Photograph. Scale: 1"=500'	Flight Date: January 04, 1954	EDR
1961	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1961	EDR Proprietary Aerial Viewpoint
1966	Aerial Photograph. Scale: 1"=500'	Flight Date: February 23, 1966	EDR
1974	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1974	USGS
1984	Aerial Photograph. Scale: 1"=500'	Flight Date: March 26, 1984	EDR
1994	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1994	USGS
1994	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: April 04, 1994	USGS/DOQQ
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2011	Aerial Photograph. Scale: 1"=500'	Flight Year: 2011	USDA/NAIP



INQUIRY #: 4109065.9

YEAR: 1924

| = 500'





**INQUIRY #:** 4109065.9

**YEAR:** 1951

| = 500'





INQUIRY #: 4109065.9

YEAR: 1954

| = 500'





**INQUIRY #:** 4109065.9

**YEAR:** 1961

| = 500'



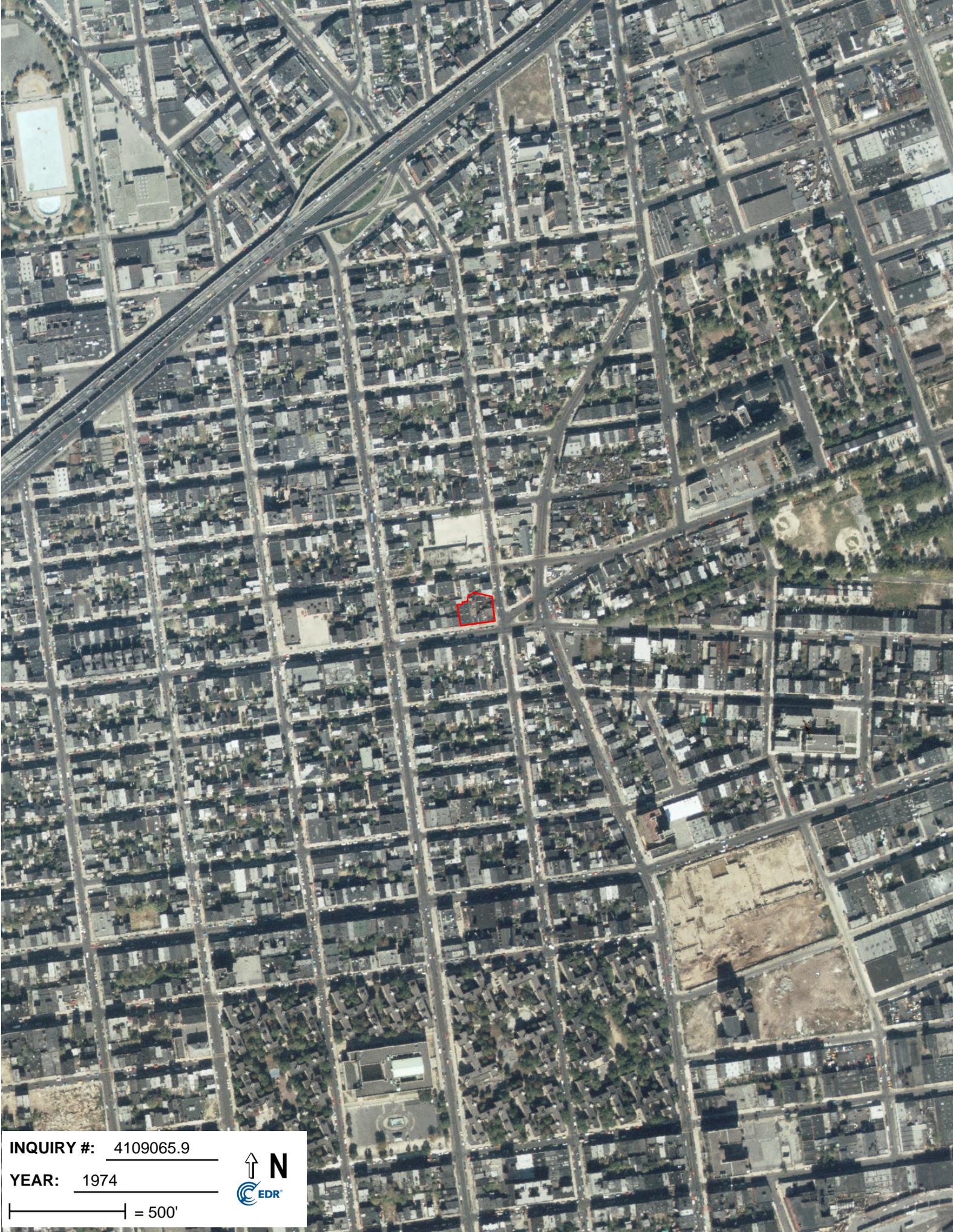


INQUIRY #: 4109065.9

YEAR: 1966

| = 500'





**INQUIRY #:** 4109065.9

**YEAR:** 1974

| = 500'





INQUIRY #: 4109065.9

YEAR: 1984

| = 500'



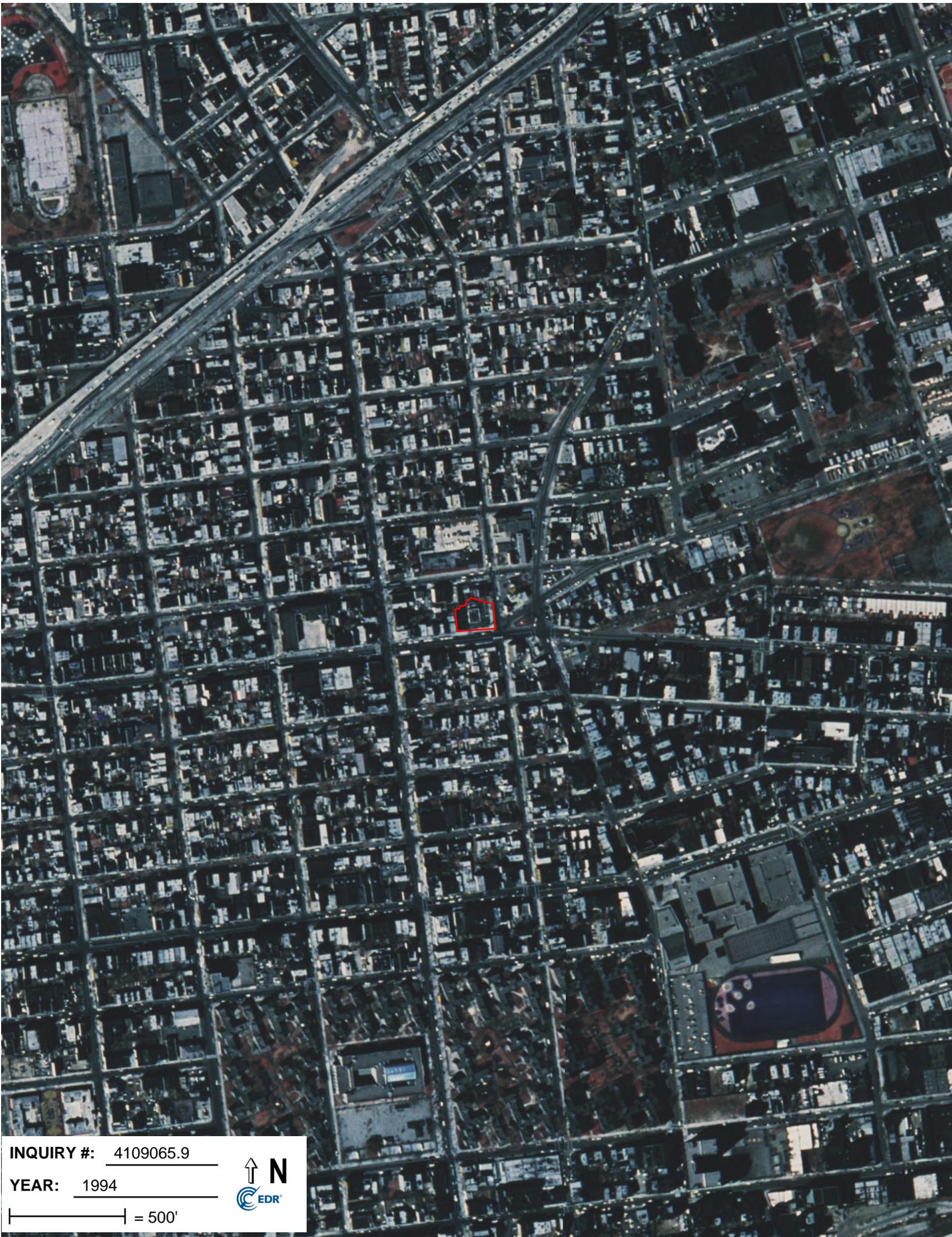


INQUIRY #: 4109065.9

YEAR: 1994

| = 500'



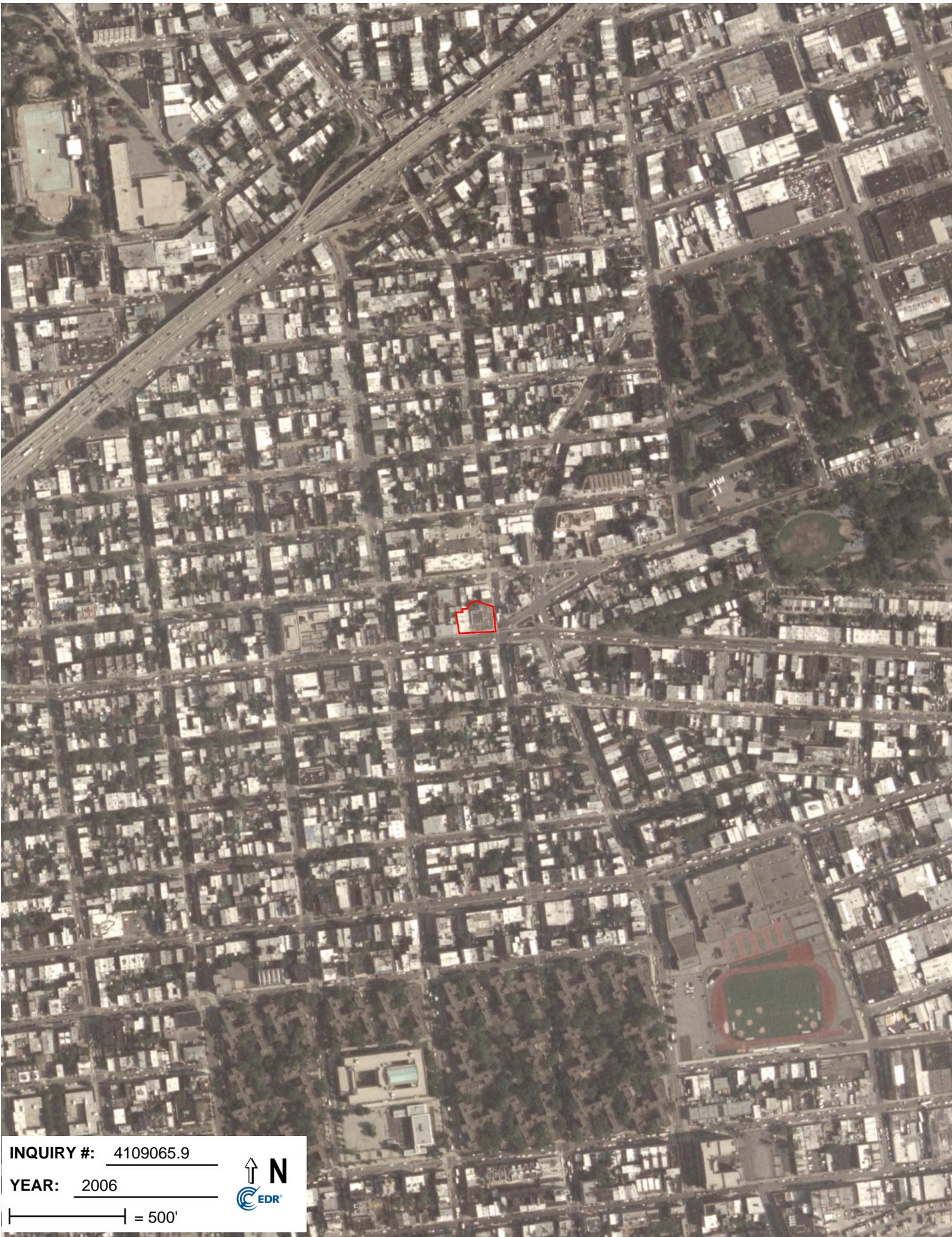


INQUIRY #: 4109065.9

YEAR: 1994

— = 500'



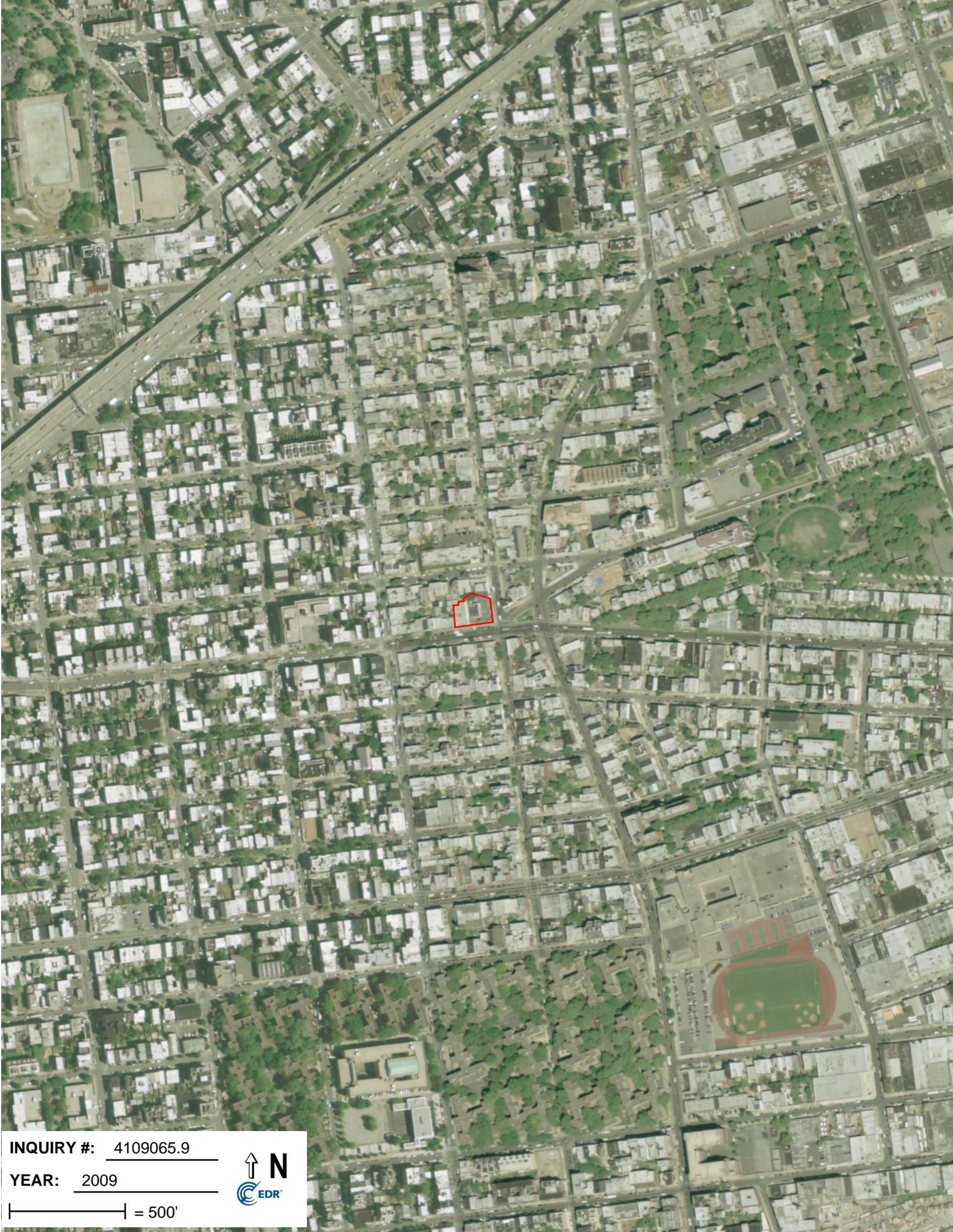


**INQUIRY #:** 4109065.9

**YEAR:** 2006

| = 500'





**INQUIRY #:** 4109065.9

**YEAR:** 2009

 = 500'





**INQUIRY #:** 4109065.9

**YEAR:** 2011

| = 500'



# APPENDIX G

## TOPOGRAPHIC MAPS



**771 Metropolitan Ave**

771 Metropolitan Ave

Brooklyn, NY 11211

Inquiry Number: 4109065.4

October 17, 2014

## EDR Historical Topographic Map Report



6 Armstrong Road, 4th Floor  
Shelton, Connecticut 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> 771 Metropolitan Ave	<b>CLIENT:</b> Env. Business Consultants
	<b>NAME:</b> BROOKLYN	<b>ADDRESS:</b> 771 Metropolitan Ave Brooklyn, NY 11211	<b>CONTACT:</b> Chawine Miller
	<b>MAP YEAR:</b> 1900	<b>LAT/LONG:</b> 40.7148 / -73.943	<b>INQUIRY#:</b> 4109065.4
	<b>SERIES:</b> 15		<b>RESEARCH DATE:</b> 10/17/2014
	<b>SCALE:</b> 1:62500		

# Historical Topographic Map



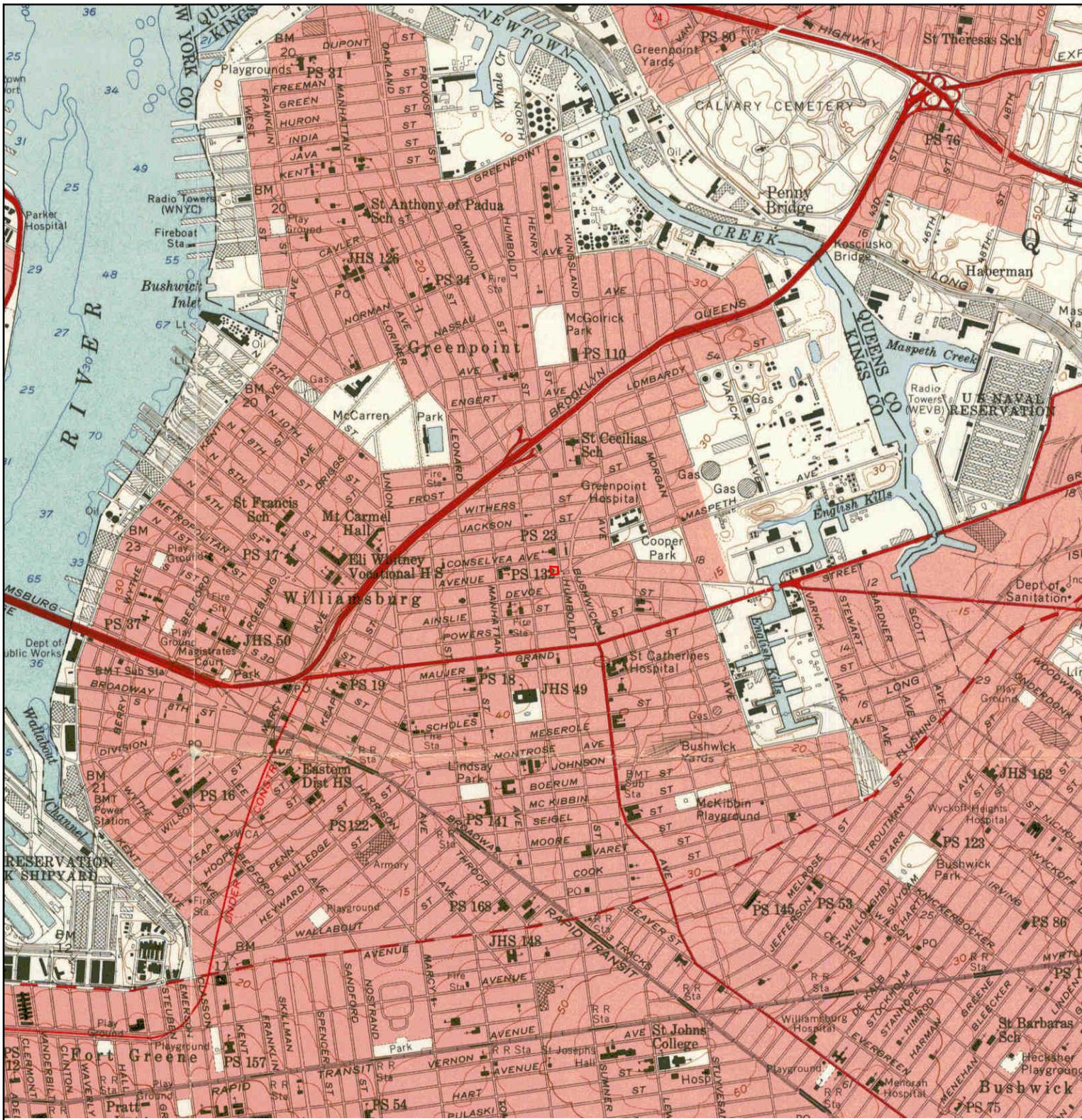
<p>N</p> 	<b>TARGET QUAD</b>	<b>SITE NAME:</b> 771 Metropolitan Ave	<b>CLIENT:</b> Env. Business Consultants
	NAME: BROOKLYN	ADDRESS: 771 Metropolitan Ave	<b>CONTACT:</b> Chawine Milller
	MAP YEAR: 1924	Brooklyn, NY 11211	<b>INQUIRY#:</b> 4109065.4
	REVISED FROM :1900	<b>LAT/LONG:</b> 40.7148 / -73.943	<b>RESEARCH DATE:</b> 10/17/2014
	SERIES: 15		
	SCALE: 1:62500		

# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> 771 Metropolitan Ave	<b>CLIENT:</b> Env. Business Consultants
	<b>NAME:</b> BROOKLYN	<b>ADDRESS:</b> 771 Metropolitan Ave Brooklyn, NY 11211	<b>CONTACT:</b> Chawine Milller
	<b>MAP YEAR:</b> 1947	<b>LAT/LONG:</b> 40.7148 / -73.943	<b>INQUIRY#:</b> 4109065.4
	<b>SERIES:</b> 7.5		<b>RESEARCH DATE:</b> 10/17/2014
	<b>SCALE:</b> 1:25000		

# Historical Topographic Map



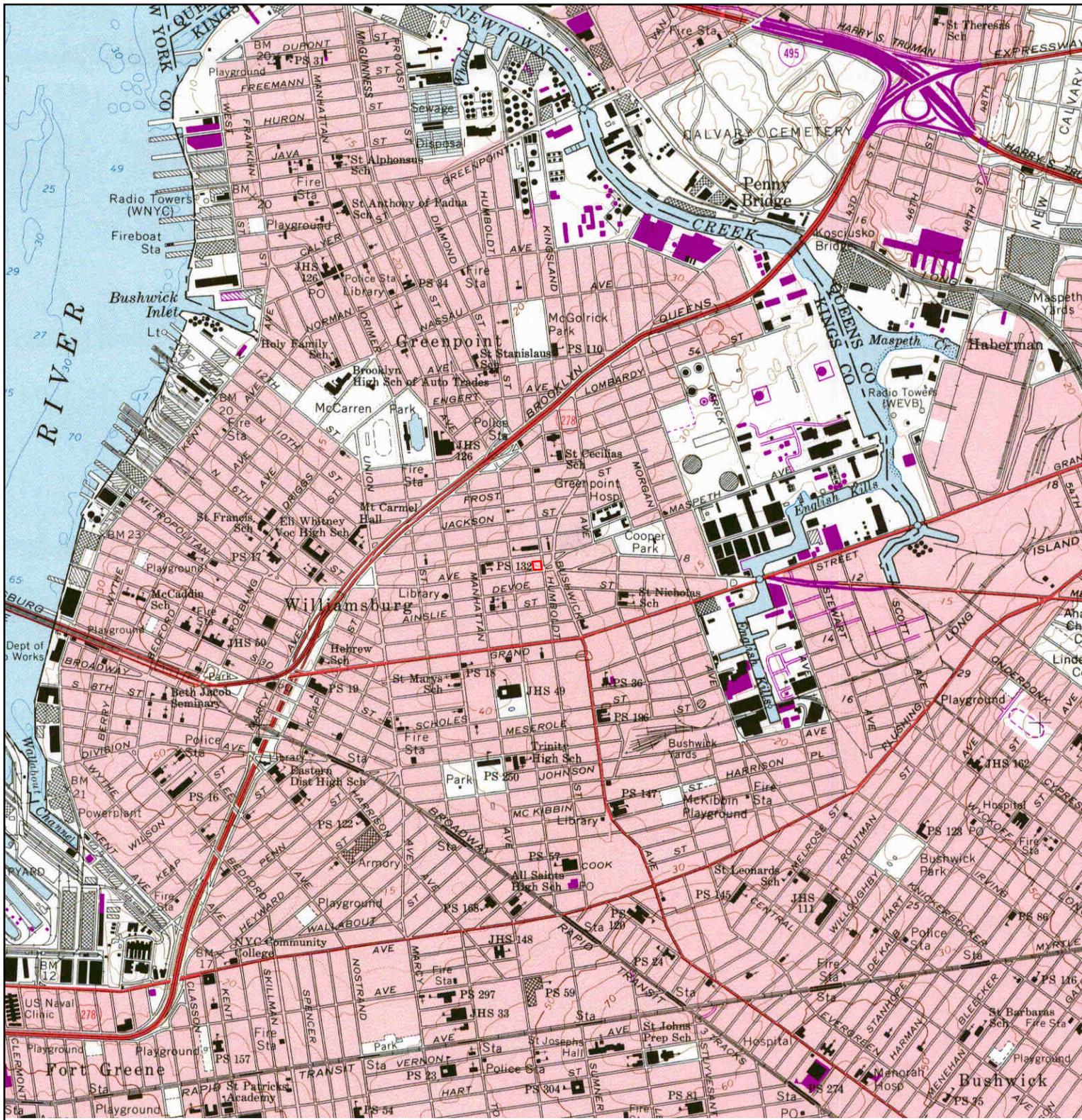
	<b>TARGET QUAD</b>	<b>SITE NAME:</b> 771 Metropolitan Ave	<b>CLIENT:</b> Env. Business Consultants
	<b>NAME:</b> BROOKLYN	<b>ADDRESS:</b> 771 Metropolitan Ave	<b>CONTACT:</b> Chawine Milller
	<b>MAP YEAR:</b> 1956	<b>ADDRESS:</b> Brooklyn, NY 11211	<b>INQUIRY#:</b> 4109065.4
	<b>SERIES:</b> 7.5	<b>LAT/LONG:</b> 40.7148 / -73.943	<b>RESEARCH DATE:</b> 10/17/2014
	<b>SCALE:</b> 1:24000		

# Historical Topographic Map



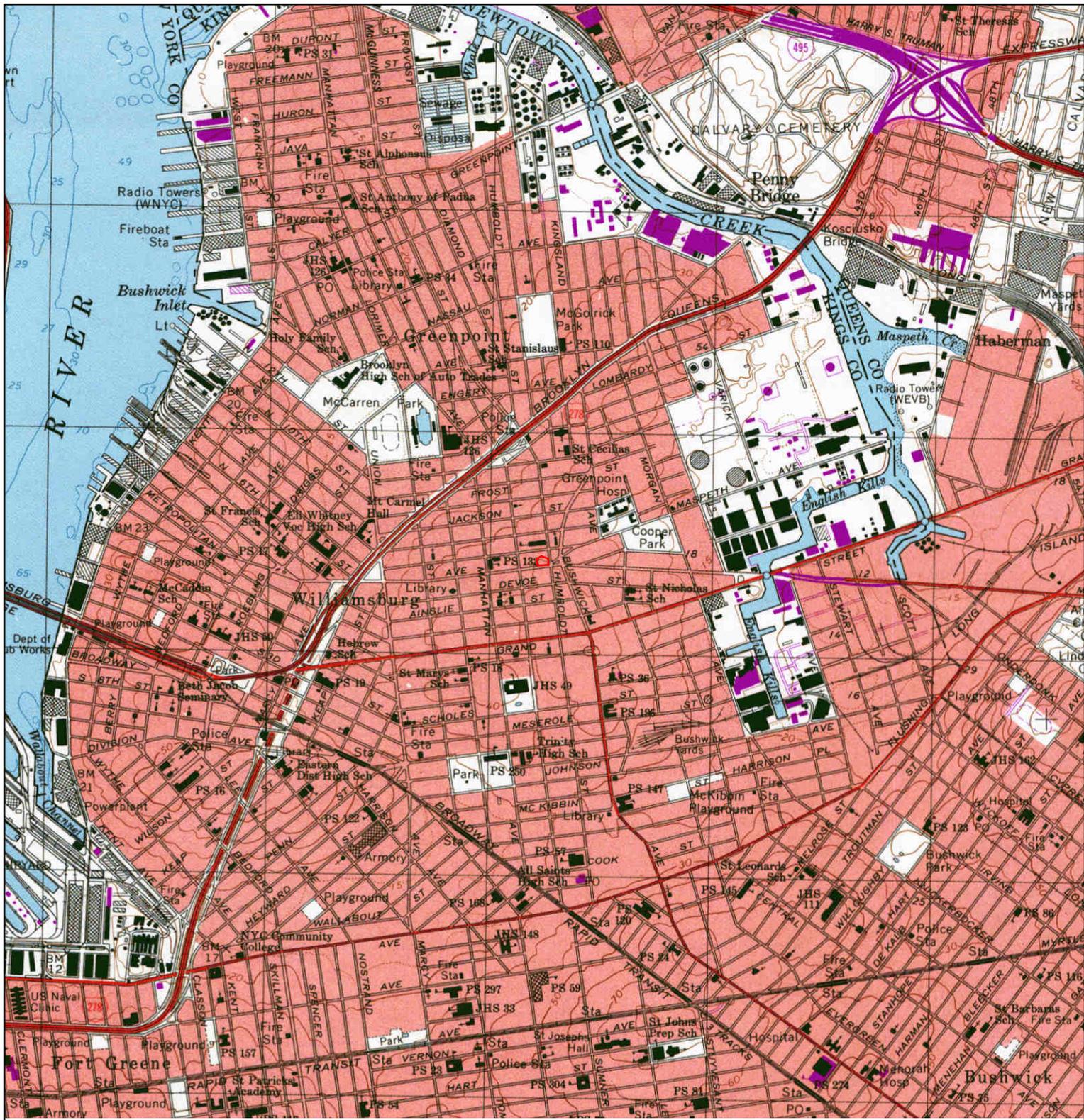
<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: BROOKLYN                  MAP YEAR: 1967</p>	<p><b>SITE NAME:</b> 771 Metropolitan Ave  <b>ADDRESS:</b> 771 Metropolitan Ave                  Brooklyn, NY 11211  <b>LAT/LONG:</b> 40.7148 / -73.943</p>	<p><b>CLIENT:</b> Env. Business Consultants  <b>CONTACT:</b> Chawine Milller  <b>INQUIRY#:</b> 4109065.4  <b>RESEARCH DATE:</b> 10/17/2014</p>
	<p><b>SERIES:</b> 7.5  <b>SCALE:</b> 1:24000</p>		

# Historical Topographic Map



<p>N ↑</p>	<b>TARGET QUAD</b>	<b>SITE NAME:</b> 771 Metropolitan Ave	<b>CLIENT:</b> Env. Business Consultants
	<b>NAME:</b> BROOKLYN	<b>ADDRESS:</b> 771 Metropolitan Ave	<b>CONTACT:</b> Chawine Milller
	<b>MAP YEAR:</b> 1979	<b>Brooklyn, NY 11211</b>	<b>INQUIRY#:</b> 4109065.4
	<b>PHOTOREVISED FROM :</b> 1967	<b>LAT/LONG:</b> 40.7148 / -73.943	<b>RESEARCH DATE:</b> 10/17/2014
	<b>SERIES:</b> 7.5		
	<b>SCALE:</b> 1:24000		

# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> 771 Metropolitan Ave	<b>CLIENT:</b> Env. Business Consultants
	<b>NAME:</b> BROOKLYN	<b>ADDRESS:</b> 771 Metropolitan Ave	<b>CONTACT:</b> Chawine Milller
	<b>MAP YEAR:</b> 1995	<b>LAT/LONG:</b> 40.7148 / -73.943	<b>INQUIRY#:</b> 4109065.4
	<b>SERIES:</b> 7.5		<b>RESEARCH DATE:</b> 10/17/2014
	<b>SCALE:</b> 1:24000		

**APPENDIX H**  
**EDR VEC**

**771 Metropolitan Ave**

771 Metropolitan Ave

Brooklyn, NY 11211

Inquiry Number: 4109065.6s

November 12, 2014

## EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

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Aerial Photography .....	4
Map Findings .....	5
Record Sources and Currency .....	GR-1

***Thank you for your business.***  
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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600-10).

	Maximum Search Distance*	Summary		
		property	1/10	1/10 - 1/3
<b>STANDARD ENVIRONMENTAL RECORDS</b>				
Federal NPL	0.333	0	0	0
Federal CERCLIS	0.333	0	0	0
Federal RCRA CORRACTS facilities list	0.333	0	0	0
Federal RCRA TSD facilities list	0.333	0	0	0
Federal RCRA generators list	property	0	-	-
Federal institutional controls / engineering controls registries	0.333	0	0	0
Federal ERNS list	property	0	-	-
State and tribal - equivalent NPL	not searched	-	-	-
State and tribal - equivalent CERCLIS	0.333	0	0	0
State and tribal landfill / solid waste disposal	0.333	0	0	0
State and tribal leaking storage tank lists	0.333	0	3	5
State and tribal registered storage tank lists	0.25	0	1	2
State and tribal institutional control / engineering control registries	property	0	-	-
State and tribal voluntary cleanup sites	0.333	0	0	0
State and tribal Brownfields sites	0.333	0	0	0
<b>Other Standard Environmental Records</b>	<b>0.333</b>	<b>2</b>	<b>8</b>	<b>7</b>
<b>HISTORICAL USE RECORDS</b>				
Former manufactured Gas Plants	0.333	0	0	0
Historical Gas Stations	0.25	0	5	4
Historical Dry Cleaners	0.25	0	4	3
Exclusive Recovered Govt. Archives	property	0	-	-

\*Each category may include several separate databases, each having a different search distance. For each category, the table reports the maximum search distance applied. See the section 'Record Sources and Currency' for information on individual databases.

# EXECUTIVE SUMMARY

## TARGET PROPERTY INFORMATION

### ADDRESS

771 METROPOLITAN AVE  
771 METROPOLITAN AVE  
BROOKLYN, NY 11211

### COORDINATES

Latitude (North): 40.7148 - 40° 42' 53.286438"  
Longitude (West): 73.943 - 73° 56' 34.802856"  
Elevation: 39 ft. above sea level

## TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records.

<u>Site</u>	<u>Database(s)</u>
LOT 35,TAXBLOCK 2760 771 METROPOLITAN AVENUE BROOKLYN, NY	E DESIGNATION
LOT 34,TAXBLOCK 2760 771 METROPOLITAN AVENUE BROOKLYN, NY 11211	E DESIGNATION

# EXECUTIVE SUMMARY

## PHYSICAL SETTING INFORMATION

Flood Zone: Available  
 NWI Wetlands: Available

## **AQUIFLOW®**

Search Radius: 0.333 Mile.

**No Aquiflow sites reported.**

## **DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND  
 Soil Surface Texture: variable  
 Hydrologic Group: Not reported  
 Soil Drainage Class: Not reported  
 Hydric Status: Hydric Status: Soil does not meet the requirements for a hydric soil.  
 Corrosion Potential - Uncoated Steel: Not Reported  
 Depth to Bedrock Min: > 10 inches  
 Depth to Bedrock Max: > 10 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

## EXECUTIVE SUMMARY

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam  
loamy sand  
sandy loam  
fine sandy loam

Surficial Soil Types: silt loam  
loamy sand  
sandy loam  
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock  
very gravelly - loamy sand  
stratified  
sandy loam

# EXECUTIVE SUMMARY

## SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

## STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
LOT 35, TAXBLOCK 2760 E DESIGNATION: Other Standard Environmental Records	771 METROPOLITAN AVENUE	Property	▲ A1	12
LOT 34, TAXBLOCK 2760 E DESIGNATION: Other Standard Environmental Records	771 METROPOLITAN AVENUE	Property	▲ A2	15
764 METROPOLITAN AVE NY Spills: Other Standard Environmental Records	764 METROPOLITAN AVENUE	<1/10 WSW	▼ A4	18
SHELL OIL CO RCRA NonGen / NLR: Other Standard Environmental Records US AIRS: Other Standard Environmental Records MANIFEST: Other Standard Environmental Records NY Spills: Other Standard Environmental Records LTANKS: State and tribal leaking storage tank lists	2 BUSHWICK AVE	<1/10 E	▼ A6	21
MERIT S/S / BKLN NY Spills: Other Standard Environmental Records	METROPOLITAN & BUSHWICK	<1/10 E	▼ A9	43
METROPOLITAN AVE/MERRIT LTANKS: State and tribal leaking storage tank lists	METROPOLITAN&BUSHWICK AVE	<1/10 ESE	▲ B11	46
MERIT OIL CORP FINDS: Other Standard Environmental Records US AIRS: Other Standard Environmental Records RCRA NonGen / NLR: Other Standard Environmental Records UST: State and tribal registered storage tank lists MANIFEST: Other Standard Environmental Records NY Spills: Other Standard Environmental Records LTANKS: State and tribal leaking storage tank lists	810 METROPOLITAN AVE	<1/10 E	▼ B13	50
SOCCI RESIDENCE NY Spills: Other Standard Environmental Records	177 DEVOE ST	<1/10 SSW	▲ C14	76
NEW GATTI/PARK/LOUIS CLEANERS DRYCLEANERS: Other Standard Environmental Records	334 GRAHAM AVENUE	<1/10 SW	▼ C15	78
PRIVATE DWELLING NY Spills: Other Standard Environmental Records	184 DEVOE ST.	<1/10 SSW	▼ C17	80
LONG JIM KITCHEN NY Spills: Other Standard Environmental Records	329 GRAHAM AVE	<1/10 WSW	▼ 19	85
S/S BREAKER LEAKED DURING REMOVAL NY Spills: Other Standard Environmental Records	324 AINSLIE ST. SUBSTATION	1/10 - 1/3 SSE	▲ 21	88

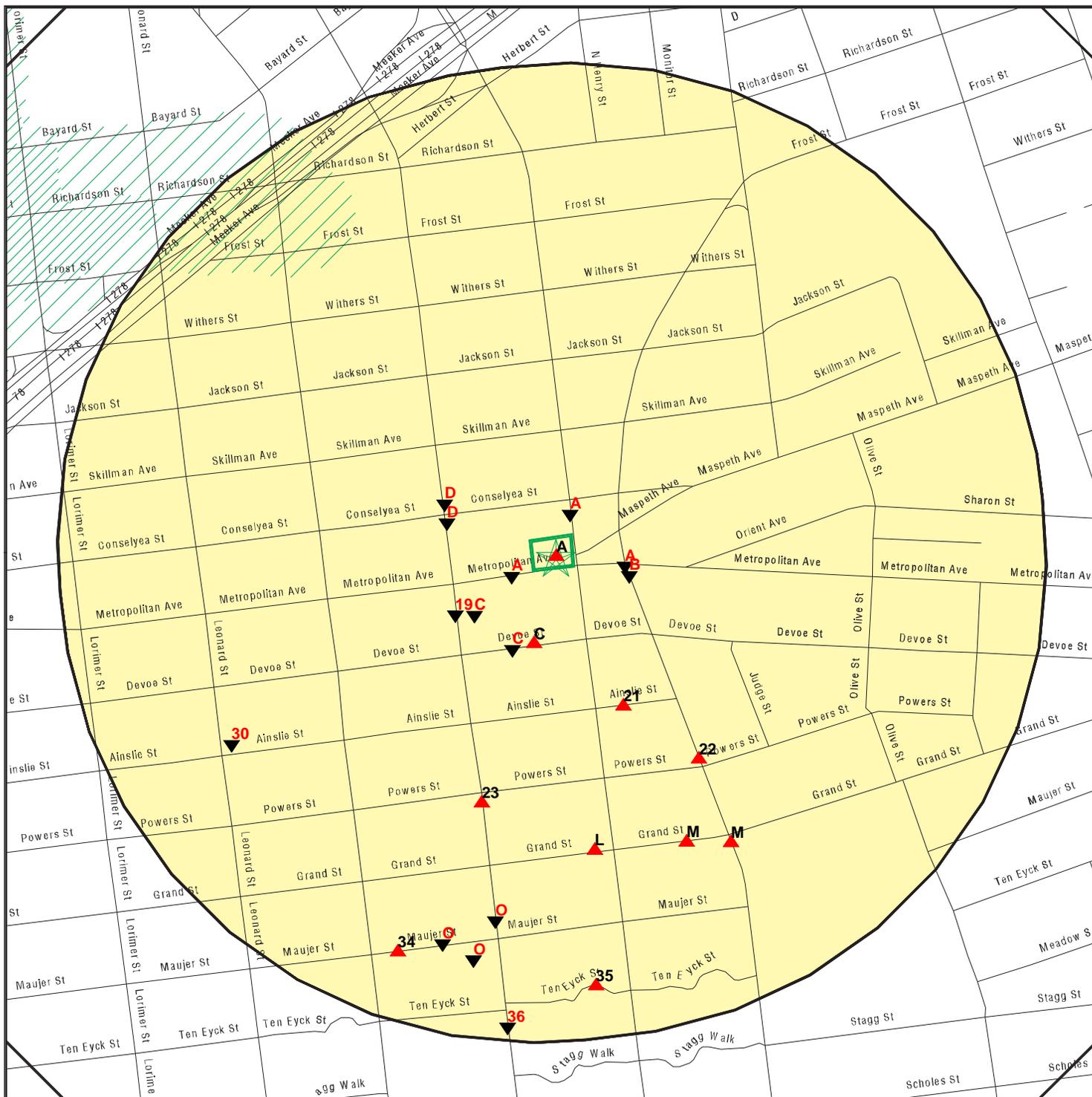
## EXECUTIVE SUMMARY

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
GRAND CLEANERS US AIRS: Other Standard Environmental Records FINDS: Other Standard Environmental Records RCRA-SQG: Federal RCRA generators list MANIFEST: Other Standard Environmental Records DRYCLEANERS: Other Standard Environmental Records	765 GRAND ST	1/10 - 1/3 S	▲ L24	92
RHEE & NURY'S/Y&Y CLEANERS DRYCLEANERS: Other Standard Environmental Records	802 GRAND STREET	1/10 - 1/3 SSE	▲ M27	117
SAM'S SAME DAY DRYCLEANERS DRYCLEANERS: Other Standard Environmental Records	171 AINSLIE(256 LEONARD) STREET	1/10 - 1/3 WSW	▼ 30	120
151 MAUJER ST LTANKS: State and tribal leaking storage tank lists	151 MAUJER STREET	1/10 - 1/3 SSW	▼ O32	122
WILLIAMSBURG LTANKS: State and tribal leaking storage tank lists	144 MAUJER ST & GRAHAM ST	1/10 - 1/3 SSW	▼ O33	124
WILLIAMSBURG HOUSES NY Spills: Other Standard Environmental Records HIST UST: State and tribal registered storage tank lists LTANKS: State and tribal leaking storage tank lists	128 MAUJER STREET	1/10 - 1/3 SSW	▲ 34	126
WILLIAMSBURG HOUSES -NYCHA NY Spills: Other Standard Environmental Records LTANKS: State and tribal leaking storage tank lists	188 TEN EYCK WALK	1/10 - 1/3 S	▲ 35	138
INTERMEDIATE SCHOOL 49 - BROOKLYN K049 UST: State and tribal registered storage tank lists MANIFEST: Other Standard Environmental Records HIST AST: State and tribal registered storage tank lists LTANKS: State and tribal leaking storage tank lists AST: State and tribal registered storage tank lists	223 GRAHAM AVENUE	1/10 - 1/3 S	▼ 36	143
<b><u>HISTORICAL USE RECORDS</u></b>				
<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
383 HUMBOLDT ST EDR US Hist Auto Stat: Historical Gas Stations	383 HUMBOLDT ST	<1/10 NNE	▼ A3	17
765 METROPOLITAN AVE EDR US Hist Cleaners: Historical Dry Cleaners	765 METROPOLITAN AVE	<1/10 WSW	▼ A5	20
2 BUSHWICK AVE EDR US Hist Auto Stat: Historical Gas Stations	2 BUSHWICK AVE	<1/10 E	▼ A7	41
5 BUSHWICK AVE EDR US Hist Auto Stat: Historical Gas Stations	5 BUSHWICK AVE	<1/10 E	▼ A8	42
807 METROPOLITAN AVE EDR US Hist Auto Stat: Historical Gas Stations	807 METROPOLITAN AVE	<1/10 E	▼ A10	45

## EXECUTIVE SUMMARY

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
810 METROPOLITAN AVE EDR US Hist Auto Stat: Historical Gas Stations	810 METROPOLITAN AVE	<1/10 E	▼ B12	48
334 GRAHAM AVE EDR US Hist Cleaners: Historical Dry Cleaners	334 GRAHAM AVE	<1/10 SW	▼ C16	79
362 GRAHAM AVE EDR US Hist Cleaners: Historical Dry Cleaners	362 GRAHAM AVE	<1/10 WNW	▼ D18	83
368 GRAHAM AVE EDR US Hist Cleaners: Historical Dry Cleaners	368 GRAHAM AVE	<1/10 WNW	▼ D20	87
70 BUSHWICK AVE EDR US Hist Auto Stat: Historical Gas Stations	70 BUSHWICK AVE	1/10 - 1/3 SE	▲ 22	90
283 GRAHAM AVE EDR US Hist Auto Stat: Historical Gas Stations	283 GRAHAM AVE	1/10 - 1/3 SSW	▲ 23	91
765 GRAND ST EDR US Hist Cleaners: Historical Dry Cleaners	765 GRAND ST	1/10 - 1/3 S	▲ L25	115
770 GRAND ST EDR US Hist Cleaners: Historical Dry Cleaners	770 GRAND ST	1/10 - 1/3 S	▲ L26	116
802 GRAND ST EDR US Hist Cleaners: Historical Dry Cleaners	802 GRAND ST	1/10 - 1/3 SSE	▲ M28	118
100 BUSHWICK AVE EDR US Hist Auto Stat: Historical Gas Stations	100 BUSHWICK AVE	1/10 - 1/3 SSE	▲ M29	119
253 GRAHAM AVE EDR US Hist Auto Stat: Historical Gas Stations	253 GRAHAM AVE	1/10 - 1/3 S	▼ O31	121

# PRIMARY MAP - 4109065.6S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

Groundwater Flow Direction

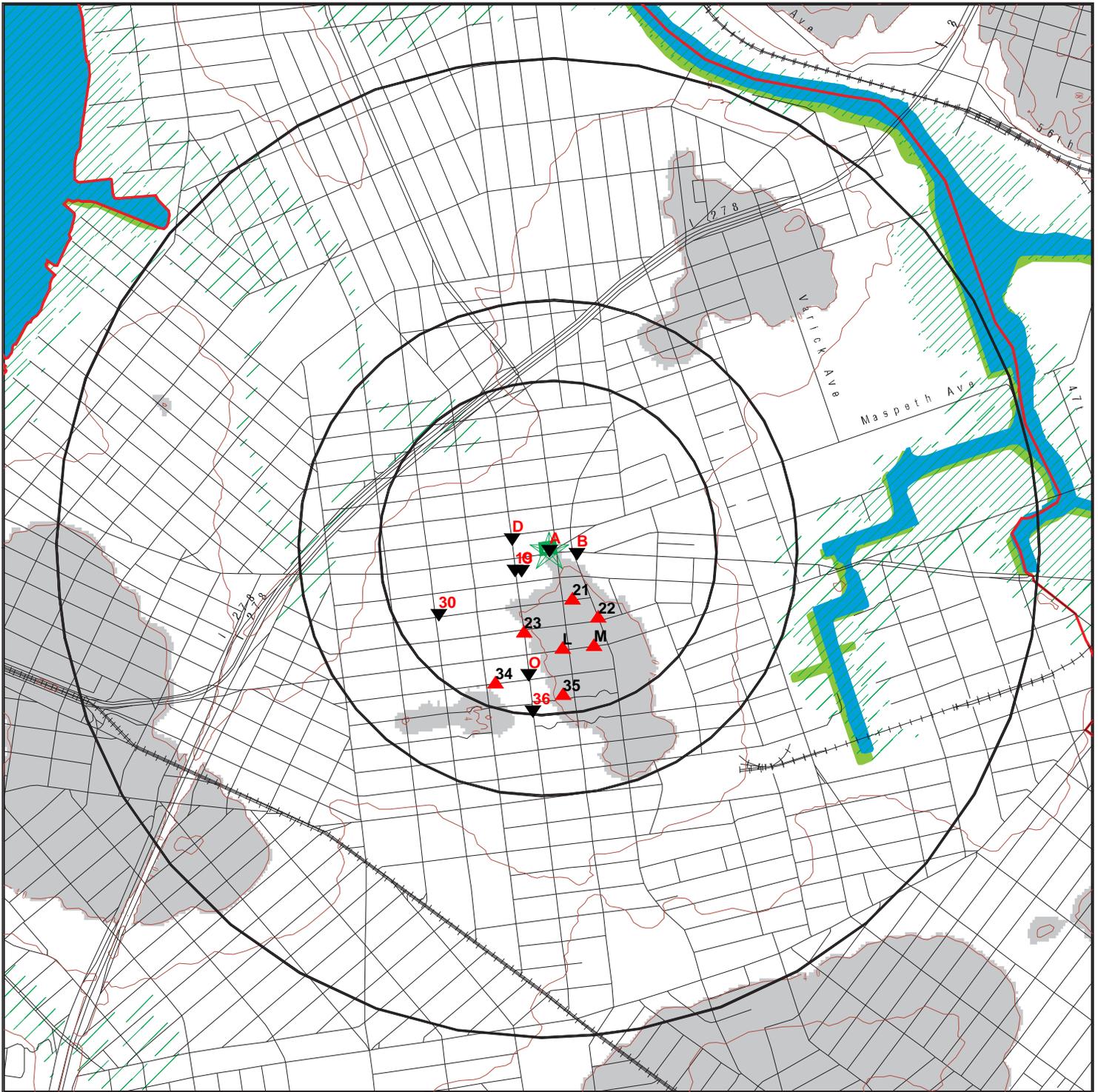
Indeterminate Groundwater Flow at Location

Groundwater Flow Varies at Location

SITE NAME: 771 Metropolitan Ave  
 ADDRESS: 771 Metropolitan Ave  
 Brooklyn NY 11211  
 LAT/LONG: 40.7148 / 73.943

CLIENT: Env. Business Consultants  
 CONTACT: Chawine Miller  
 INQUIRY #: 4109065.6S  
 DATE: October 17, 2014 7:10 pm

# SECONDARY MAP - 4109065.6S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Contour Lines

County Boundary

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

SITE NAME: 771 Metropolitan Ave  
 ADDRESS: 771 Metropolitan Ave  
 Brooklyn NY 11211  
 LAT/LONG: 40.7148 / 73.943

CLIENT: Env. Business Consultants  
 CONTACT: Chawine Miller  
 INQUIRY #: 4109065.6s  
 DATE: October 17, 2014 7:09 pm

**AERIAL PHOTOGRAPHY - 4109065.6s**



SITE NAME: 771 Metropolitan Ave  
ADDRESS: 771 Metropolitan Ave  
Brooklyn NY 11211  
LAT/LONG: 40.7148 / 73.943

CLIENT: Env. Business Consultants  
CONTACT: Chawine Miller  
INQUIRY #: 4109065.6s  
DATE: October 17, 2014 7:11 pm

MAP FINDINGS

LEGEND

FACILITY NAME FACILITY ADDRESS, CITY, ST, ZIP		EDR SITE ID NUMBER
▼ MAP ID#	Direction Distance Range (Distance feet / miles)	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
	Relative Elevation Feet Above Sea Level	
<b>Worksheet:</b>		
<b>Comments:</b> Comments may be added on the online Vapor Encroachment Worksheet.		

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

LOT 35,TAXBLOCK 2760 771 METROPOLITAN AVENUE, BROOKLYN, NY,		S113453114
▲ A1	Target Property	Other Standard Environmental Records
	39 ft. Above Sea Level	

**Worksheet:**

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**E DESIGNATION: Other Standard Environmental Records** 

Tax Lot(s):	35
E-No:	E-232
Effective Date:	7/29/2009
Satisfaction Date:	Not Reported
Ceqr Number:	09DCP056K
Ulurp Number:	090334ZMK
Zoning Map No:	12c 13a 13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	Not Reported
Community District:	Not Reported
Census Tract:	Not Reported
Census Block:	Not Reported
School District:	Not Reported
City Council District:	Not Reported
Fire Company:	Not Reported
Health Area:	Not Reported
Police Precinct:	Not Reported
Zone District 1:	Not Reported
Zone District 2:	Not Reported
Commercial Overlay1:	Not Reported
Commercial Overlay2:	Not Reported

MAP FINDINGS
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**LOT 35,TAXBLOCK 2760, 771 METROPOLITAN AVENUE, BROOKLYN, NY (Continued)**

Special Purpose District1:	Not Reported
Special Purpose District2:	Not Reported
All Components1:	Not Reported
All Components2:	Not Reported
Split Boundary Indicator:	Not Reported
Building Class:	Not Reported
Land Use Category:	Not Reported
Number of Easements:	Not Reported
Owner, Type of Code:	Not Reported
Owner Name:	Not Reported
Lot Area:	Not Reported
Total Building Floor Area:	Not Reported
Commercial Floor Area:	Not Reported
Office Floor Area:	Not Reported
Retail Floor Area:	Not Reported
Garage Floor Area:	Not Reported
Storage Floor Area:	Not Reported
Factory Floor Area:	Not Reported
Other Floor Area:	Not Reported
Floor Area,Total Bld Source Code:	Not Reported
Number of Buildings:	Not Reported
Number of Floors:	Not Reported
Residential Units:	Not Reported
Non and Residential Units:	Not Reported
Lot Frontage:	Not Reported
Lot Depth:	Not Reported
Building Frontage:	Not Reported
Building Depth:	Not Reported
Proximity Code:	Not Reported
Irregular Lot Code:	Not Reported
Lot Type:	Not Reported
Basement Type Grade:	Not Reported
Land Assessed Value:	Not Reported
Total Assessed Value:	Not Reported
Land Exempt Value:	Not Reported
Total Exempt Value:	Not Reported
Year Built:	Not Reported
Year Built Code:	Not Reported
Year Altered1:	Not Reported
Year Altered2:	Not Reported
Historic District Name:	Not Reported
Landmark Name:	Not Reported
Built Floor Area Ratio-Far:	Not Reported
Maximum Allowable Far:	Not Reported
Borough Code:	Not Reported
Borough Tax Block And Lot:	Not Reported
Condominium Number:	Not Reported
Census Tract 2:	Not Reported
X Coordinate:	Not Reported
Y Coordinate:	Not Reported

MAP FINDINGS

**LOT 35, TAXBLOCK 2760, 771 METROPOLITAN AVENUE, BROOKLYN, NY (Continued)**

Zoning Map:	Not Reported
Sanborn Map:	Not Reported
Tax Map:	Not Reported
E Designation No:	Not Reported
Date of RPAD Data:	Not Reported
Date of DCAS Data:	Not Reported
Date of Zoning Data:	Not Reported
Date of Major Property Data:	Not Reported
Date of Landmark Data:	Not Reported
Date of Base Map Data:	Not Reported
Date of Mass Appraisal Data:	Not Reported
Date of Political and Adm Data:	Not Reported
Pluto-Base Map Indicator:	Not Reported

MAP FINDINGS

LOT 34,TAXBLOCK 2760 771 METROPOLITAN AVENUE, BROOKLYN, NY, 11211		S116287629
▲ A2	Target Property	Other Standard Environmental Records
	39 ft. Above Sea Level	

**Worksheet:**

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**E DESIGNATION: Other Standard Environmental Records** 

Tax Lot(s): 34  
 E-No: E-232  
 Effective Date: 7/29/2009  
 Satisfaction Date: Not Reported  
 Ceqr Number: 09DCP056K  
 Ulurp Number: 090334ZMK  
 Zoning Map No: 12c 13a 13b  
 Description: Window Wall Attenuation & Alternate Ventilation  
 Borough Code: BK  
 Community District: 301  
 Census Tract: 497  
 Census Block: 2003  
 School District: 14  
 City Council District: 34  
 Fire Company: E229  
 Health Area: 30  
 Police Precinct: 094  
 Zone District 1: C8-2  
 Zone District 2: R6  
 Commercial Overlay1: Not Reported  
 Commercial Overlay2: Not Reported  
 Special Purpose District1: Not Reported  
 Special Purpose District2: Not Reported  
 All Components1: C8-2  
 All Components2: R6  
 Split Boundary Indicator: Y  
 Building Class: E3  
 Land Use Category: 06  
 Number of Easements: 0  
 Owner, Type of Code: Not Reported  
 Owner Name: METYEA LLC  
 Lot Area: 000006713  
 Total Building Floor Area: 0000006815  
 Commercial Floor Area: 0000006815  
 Office Floor Area: 0000000000  
 Retail Floor Area: 0000000000  
 Garage Floor Area: 0000000000  
 Storage Floor Area: 0000006815  
 Factory Floor Area: 0000000000

MAP FINDINGS

**LOT 34,TAXBLOCK 2760, 771 METROPOLITAN AVENUE, BROOKLYN, NY 11211 (Continued)**

Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0050.00
Lot Depth:	0186.00
Building Frontage:	0050.00
Building Depth:	0095.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000045450
Total Assessed Value:	00000111150
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1930
Year Built Code:	Not Reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not Reported
Landmark Name:	Not Reported
Built Floor Area Ratio-Far:	0001.02
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3027600034
Condominium Number:	00000
Census Tract 2:	0497
X Coordinate:	0999970
Y Coordinate:	0199696
Zoning Map:	13B
Sanborn Map:	304 026
Tax Map:	30906
E Designation No:	Not Reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

MAP FINDINGS

383 HUMBOLDT ST 383 HUMBOLDT ST, BROOKLYN, NY, 11211		1015460163
▼ A3	NNE <1/10 (78 ft. / 0.015 mi.)	Historical Gas Stations
	2 ft. Lower Elevation 37 ft. Above Sea Level	

**Worksheet:**

**Comments:** The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

**Groundwater Flow Gradient:**

Downgradient: YES

**EDR Historical Auto Stations: Historical Gas Stations** 

Name: NGUYEN AUTO SHOP  
Year: 2003  
Address: 383 HUMBOLDT ST

Name: NGUYEN AUTO SHOP  
Year: 2004  
Address: 383 HUMBOLDT ST

Name: NGUYEN AUTO SHOP  
Year: 2005  
Address: 383 HUMBOLDT ST

Name: WING AUTO SHOP  
Year: 2006  
Address: 383 HUMBOLDT ST

Name: WING AUTO SHOP  
Year: 2007  
Address: 383 HUMBOLDT ST

Name: WING AUTO SHOP  
Year: 2008  
Address: 383 HUMBOLDT ST

Name: WING AUTO SHOP  
Year: 2009  
Address: 383 HUMBOLDT ST

MAP FINDINGS

764 METROPOLITAN AVE 764 METROPOLITAN AVENUE, BROOKLYN, NY,			S102149925
▼ A4	WSW <1/10	(86 ft. / 0.016 mi.)	Other Standard Environmental Records
	1 ft. Lower Elevation	38 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** not a VEC due to minimal amount of material released

**Conditions:**

Not Applicable: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**SPILLS: Other Standard Environmental Records** 

Facility ID: 9500338  
 Facility Type: ER  
 DER Facility ID: 171823  
 Site ID: 207024  
 DEC Region: 2  
 Spill Date: 4/9/1995  
 Spill Number/Closed Date: 9500338 / 2/11/2003  
 Spill Cause: Human Error  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 SWIS: 2401  
 Investigator: TOMASELLO  
 Referred To: Not Reported  
 Reported to Dept: 4/9/1995  
 CID: Not Reported  
 Water Affected: Not Reported  
 Spill Source: Private Dwelling  
 Spill Notifier: Federal Government  
 Cleanup Ceased: Not Reported  
 Cleanup Meets Std: False  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 5/9/1995  
 Spill Record Last Update: 2/11/2003  
 Spiller Name: Not Reported  
 Spiller Company: UNKNOWN  
 Spiller Address: Not Reported  
 Spiller City,St,Zip: NY  
 Spiller Company: 999  
 Contact Name: Not Reported  
 Contact Phone: Not Reported  
 DEC Memo: Not Reported  
 Remarks: CONTRACTOR USING ACID AND KOH REMOVING PAINT.

MAP FINDINGS

764 METROPOLITAN AVE, 764 METROPOLITAN AVENUE, BROOKLYN, NY (Continued)

**Material:**

Site ID:	207024
Operable Unit ID:	1014453
Operable Unit:	01
Material ID:	368947
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not Reported
Oxygenate:	False
Site ID:	207024
Operable Unit ID:	1014453
Operable Unit:	01
Material ID:	368951
Material Code:	0286D
Material Name:	KOH
Case No.:	01310583
Material FA:	Hazardous Material
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not Reported
Oxygenate:	False

**Tank Test:**

MAP FINDINGS

765 METROPOLITAN AVE 765 METROPOLITAN AVE, BROOKLYN, NY, 11211			1015094499
▼ A5	WSW <1/10	(126 ft. / 0.024 mi.)	Historical Dry Cleaners
	1 ft. Lower Elevation	38 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** No a VEC due to relative distance

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**EDR Historical Cleaners: Historical Dry Cleaners** 

Name:	COURTSIDE CLEANERS
Year:	2001
Address:	765 METROPOLITAN AVE
Name:	COURTSIDE CLEANERS
Year:	2002
Address:	765 METROPOLITAN AVE
Name:	RAFAEL S CLEANERS
Year:	2005
Address:	765 METROPOLITAN AVE
Name:	RAFAEL S CLEANERS
Year:	2006
Address:	765 METROPOLITAN AVE
Name:	RAFAELS CLEANERS CORP
Year:	2007
Address:	765 METROPOLITAN AVE
Name:	RAFAELS CLEANERS CORP
Year:	2010
Address:	765 METROPOLITAN AVE
Name:	RAFAELS CLEANERS CORP
Year:	2011
Address:	765 METROPOLITAN AVE
Name:	RAFAELS CLEANERS CORP
Year:	2012
Address:	765 METROPOLITAN AVE

MAP FINDINGS

SHELL OIL CO 2 BUSHWICK AVE, BROOKLYN, NY, 112112505		1000693997
▼ A6	E <1/10 (191 ft. / 0.036 mi.)	State and tribal leaking storage tank lists Other Standard Environmental Records
	1 ft. Lower Elevation 38 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

**Groundwater Flow Gradient:**

Crossgradient: YES

**RCRA NonGen / NLR: Other Standard Environmental Records** 

Date form received by agency: 01/01/2007  
 Facility name: SHELL OIL CO  
 Facility address: 2 BUSHWICK AVE  
 BROOKLYN, NY 112112505  
 EPA ID: NYD987001849  
 Mailing address: JERICHO PLZ  
 JERICHO, NY 11753  
 Contact: Not Reported  
 Contact address: JERICHO PLZ  
 JERICHO, NY 11753  
 Contact country: US  
 Contact telephone: Not Reported  
 Contact email: Not Reported  
 EPA Region: 02  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: SHELL OIL CO  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, NY 99999  
 Owner/operator country: US  
 Owner/operator telephone: (212) 555-1212  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: Not Reported  
 Owner/Op end date: Not Reported  
 Owner/operator name: SHELL OIL CO  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, NY 99999  
 Owner/operator country: US  
 Owner/operator telephone: (212) 555-1212  
 Legal status: Private  
 Owner/Operator Type: Owner

MAP FINDINGS

**SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)**

Owner/Op start date: Not Reported  
 Owner/Op end date: Not Reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

**Historical Generators:**

Date form received by agency: 01/01/2006  
 Site name: SHELL OIL CO  
 Classification: Not a generator, verified  
 Date form received by agency: 07/08/1999  
 Site name: SHELL OIL CO  
 Classification: Not a generator, verified  
 Date form received by agency: 05/15/1992  
 Site name: SHELL OIL CO  
 Classification: Large Quantity Generator  
 Violation Status: No violations found

**AIRS (AFS): Other Standard Environmental Records** 

**Airs Minor Details:**

EPA plant ID: 110001572227  
 Plant name: AMOCO SVCE STA  
 Plant address: 2 BUSHWICK AVE  
 BROOKLYN, NY 11211  
 County: KINGS  
 Region code: 02  
 Dunn & Bradst #: Not Reported  
 Air quality cntrl region: 043  
 Sic code: 5541  
 Sic code desc: GASOLINE SERVICE STATIONS  
 North Am. industrial classf: Not Reported

MAP FINDINGS

**SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)**

NAIC code description:	Not Reported
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not Reported

**Historical Compliance Minor Sources:**

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE

MAP FINDINGS
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**SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)**

**Compliance & Violation Data by Minor Sources:**

Air program code:	SIP SOURCE
Plant air program pollutant:	Not Reported
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date:	Not Reported
Turnover compliance:	Not Reported
Air program code:	SIP SOURCE
Plant air program pollutant:	VOLATILE ORGANIC COMPOUNDS
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	Not Reported
Repeat violator date:	Not Reported
Turnover compliance:	Not Reported

**AIRS MINOR:**

**Airs Minor Details:**

EPA plant ID:	110001572227
Plant name:	AMOCO SVCE STA
Plant address:	2 BUSHWICK AVE BROOKLYN, NY 11211
County:	KINGS
Region code:	02
Dunn & Bradst #:	Not Reported
Air quality cntrl region:	043
Sic code:	5541
Sic code desc:	GASOLINE SERVICE STATIONS
North Am. industrial classf:	Not Reported
NAIC code description:	Not Reported
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not Reported

**Historical Compliance Minor Sources:**

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

MAP FINDINGS
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**SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)**

Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE

**Compliance & Violation Data by Minor Sources:**

Air program code:	SIP SOURCE
Plant air program pollutant:	Not Reported
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date:	Not Reported
Turnover compliance:	Not Reported
Air program code:	SIP SOURCE
Plant air program pollutant:	VOLATILE ORGANIC COMPOUNDS
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	Not Reported
Repeat violator date:	Not Reported

MAP FINDINGS

**SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)**

Turnover compliance: Not Reported

**NY MANIFEST: Other Standard Environmental Records**

EPA ID: NYD987001849  
Country: USA

**Mailing Info:**

Name: SHELL OIL COMPANY  
Contact: BROOKS PERLEE  
Address: ONE JERICHO PLAZA  
City/State/Zip: JERICHO, NY 11753  
Country: USA  
Phone: 000-000-0000

Document ID: ARA5581280  
Manifest Status: Completed copy  
Trans1 State ID: PC936H245  
Trans2 State ID: Not Reported  
Generator Ship Date: 920618  
Trans1 Recv Date: 920618  
Trans2 Recv Date: Not Reported  
TSD Site Recv Date: 920622  
Part A Recv Date: Not Reported  
Part B Recv Date: 920703  
Generator EPA ID: NYD987001849  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: Not Reported  
TSDF ID: ARD069748192  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 01462  
Units: P - Pounds  
Number of Containers: 003  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

**SPILLS: Other Standard Environmental Records**

Facility ID: 8901576  
Facility Type: ER  
DER Facility ID: 317029  
Site ID: 274225  
DEC Region: 2  
Spill Date: 5/16/1989  
Spill Number/Closed Date: 8901576 / 5/17/1989  
Spill Cause: Human Error  
Spill Class: Not Reported  
SWIS: 2401  
Investigator: TAYLOR

MAP FINDINGS
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**SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)**

Referred To:	Not Reported
Reported to Dept:	5/17/1989
CID:	Not Reported
Water Affected:	Not Reported
Spill Source:	Tank Truck
Spill Notifier:	Responsible Party
Cleanup Ceased:	5/17/1989
Cleanup Meets Std:	True
Last Inspection:	Not Reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/30/1989
Spill Record Last Update:	3/1/2004
Spiller Name:	Not Reported
Spiller Company:	SHELL
Spiller Address:	Not Reported
Spiller City,St,Zip:	NY
Spiller Company:	001
Contact Name:	Not Reported
Contact Phone:	Not Reported
DEC Memo:	Not Reported
Remarks:	RAIN WASHED PRODUCT INTO SEWER.

**Material:**

Site ID:	274225
Operable Unit ID:	927618
Operable Unit:	01
Material ID:	559461
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	20
Units:	Gallons
Recovered:	No
Resource Affected:	Not Reported
Oxygenate:	False

**Tank Test:**

Facility ID:	0513496
Facility Type:	ER
DER Facility ID:	317029
Site ID:	359980
DEC Region:	2
Spill Date:	2/22/2006
Spill Number/Closed Date:	0513496 / 2/28/2006
Spill Cause:	Equipment Failure

MAP FINDINGS

**SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)**

Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: SMSANGES

Referred To: Not Reported

Reported to Dept: 2/22/2006

CID: 409

Water Affected: Not Reported

Spill Source: Gasoline Station

Spill Notifier: Local Agency

Cleanup Ceased: Not Reported

Cleanup Meets Std: False

Last Inspection: Not Reported

Recommended Penalty: False

UST Trust: True

Remediation Phase: 0

Date Entered In Computer: 2/22/2006

Spill Record Last Update: 2/28/2006

Spiller Name: ADAM WOLFE

Spiller Company: AMACO GAS STATION

Spiller Address: 2 BUSHWICK AVE

Spiller City,St,Zip: BROOKLYN, NY

Spiller Company: 001

Contact Name: ADAM WOLFE

Contact Phone: (516) 997-9300

DEC Memo: Not Reported

Remarks: FAILED LINE TEST. YESTERDAY DISPENSER WAS HIT BY A CAR AND THEN DID A LINE TEST. THE LINE TEST WAS STOPPED DO TO DRIP BUT THE GASOLINE ONLY WENT INTO THE DISPENSER PAN. REPAIRS WILL BE DONE FIRST THING IN THE MORNING AND THEN A RETEST. UPDATED @ 15:22 2/22/2006

**Material:**

Site ID: 359980

Operable Unit ID: 1117170

Operable Unit: 01

Material ID: 2107651

Material Code: 0009

Material Name: Gasoline

Case No.: Not Reported

Material FA: Petroleum

Quantity: 0

Units: Gallons

Recovered: No

Resource Affected: Not Reported

Oxygenate: False

**Tank Test:**

Facility ID: 9110815

MAP FINDINGS

**SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)**

Facility Type: ER  
 DER Facility ID: 317029  
 Site ID: 274226  
 DEC Region: 2  
 Spill Date: 1/16/1992  
 Spill Number/Closed Date: 9110815 / 6/9/2005  
 Spill Cause: Unknown  
 Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 SWIS: 2401  
 Investigator: KMFOLEY  
 Referred To: Not Reported  
 Reported to Dept: 1/17/1992  
 CID: Not Reported  
 Water Affected: Not Reported  
 Spill Source: Gasoline Station  
 Spill Notifier: Other  
 Cleanup Ceased: Not Reported  
 Cleanup Meets Std: False  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 2/6/1992  
 Spill Record Last Update: 6/9/2005  
 Spiller Name: Not Reported  
 Spiller Company: SHELL OIL  
 Spiller Address: ONE JERICHO PLAZA  
 Spiller City,St,Zip: JERICHO, NY 11753-001  
 Spiller Company: Not Reported  
 Contact Name: Not Reported  
 Contact Phone: Not Reported  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "K FOLEY" SITE IS NOW AN AMOCO, OWNED NY WOLF PETROLEUM, PBS #2-1904112.DTW:22-24': GWF:NE. PRODUCT IN MW-2 AND MW-3.8/5/99 mtg: EnviroTrac will review and submit all historical data related to this site going back to the early 1990's. EnviroTrac will also review the contamination in well #3 and propose a clean up system (possibly biological)11/03 Reassigned from Sangesland to K Foley.11/20/03 E-mail from Steve Sangesland to Rob Rule: "It requires opening up a new spill for Amoco before closing out the old Shell spill case for the site. I believe Shell has made it's case that the present problem is due to Amoco's action, but Kerry will need to take action on it." 2/4/04 Spoke to Rob Rule. Requested he send actual historic concentration data. Data from post-1999 is indicative of a new release, however Shell needs to prove their case that concentrations

MAP FINDINGS

**SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)**

were decreasing toward and close to groundwater standards. Rob indicated they have previously tried to come to an agreement with Wolf Petroleum but had no response. 2/6/04 Received email from P. Sherwood, Phoenix Environmental. He attached copy of 6/6/03 letter to S. Sangesland requesting closure. Shell sold property to Wolf in April 1992. A product recovery pump and SVE system were operated by Shell from 1993 to 1994 to address residual hydrocarbons. Groundwater sampling continued until January 2000. Samples were collected and analyzed for VOCs and SVOCs in February 2003. From July 1990 to February 1998, MTBE concentrations in on-site wells MW-2 and MW-4 ranged from non-detect to 986ppb. From February 1999 to February 2003, MTBE concentrations in wells MW-2 and MW-4 ranged from 619ppb to 34,400ppb. Highest concentrations of MTBE in wells MW-2 and MW-4 were 34,400ppb and 23,300ppb, respectively. From 1990 to 1991, MTBE concentrations in MW-3 ranged from 24,400ppb to 26,000ppb. Product was detected intermittently in MW-3 from 1991 to 2003. On March 30, 1998 product was not present and a groundwater sample was collected with MTBE conc at 3,990ppb. In the most recent groundwater sampling results of MW-3, collected in 2000, MTBE ranged from 181,000ppb to 842,000ppb. In 1990 and 1991, groundwater samples were collected from MW-1 and analyzed for MTBE. Concentrations ranged from 1,600ppb to 24,000ppb. MW-1 was destroyed in 1993. MTBE concentrations in MW-1 appear to be a minor spike, localized to the tank field area. This is supported by the fact MTBE concentrations in downgradient well MW-2 ranged from 14ppb to 986ppb until 1999, when concentrations increased significantly. 6/8/04 Meeting with Shell. They agreed to keep monitoring gw until legal issues have been resolved with Wolf for spill #03330060. DEC expects resolution in 6-12 months. 11/23/04 Met with P. Sherwood, B. Hoashi(Phoenix) and R. Rule(Shell). Samples collected 8/30/04 showed 0.38' free product in MW-3. BTEX ranged from 3ppb(MW-2) to 20ppb(MW-4). MTBE from 18ppb(MW-2) to 251ppb(MW-4). Requesting closure due spill under new owner. See spill #03330060.

Remarks:

PRODUCT IN SITE WELL MW3. WAS SULLIVAN SPILL. RE ASSIGNED TO MULQUEEN 4/18/95. SHELL ADDRESSING PROBLEM AT SITE, SEE FILE

**Material:**

Site ID: 274226  
Operable Unit ID: 964669  
Operable Unit: 01

MAP FINDINGS

**SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)**

Material ID:	2096641
Material Code:	1213A
Material Name:	MTBE (METHYL-TERT-BUTYL ETHER)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not Reported
Units:	Not Reported
Recovered:	Not Reported
Resource Affected:	Not Reported
Oxygenate:	False
Site ID:	274226
Operable Unit ID:	964669
Operable Unit:	01
Material ID:	415894
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not Reported
Oxygenate:	False

**Tank Test:**

Facility ID:	0330060
Facility Type:	ER
DER Facility ID:	317029
Site ID:	182084
DEC Region:	2
Spill Date:	1/1/1999
Spill Number/Closed Date:	0330060 / Not Reported
Spill Cause:	Unknown
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	adzhitom
Referred To:	VEFR WILL BE CONDUCTED
Reported to Dept:	2/4/2004
CID:	Not Reported
Water Affected:	Not Reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	10/15/2004
Cleanup Meets Std:	False
Last Inspection:	Not Reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	4

MAP FINDINGS

**SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)**

Date Entered In Computer: 2/4/2004  
Spill Record Last Update: 2/11/2014  
Spiller Name: CARY WOLF  
Spiller Company: WOLF PETROLEUM  
Spiller Address: 125 JERICHO TURNPIKE  
Spiller City,St,Zip: JERICHO, NY 11753-  
Spiller Company: 001  
Contact Name: Not Reported  
Contact Phone: Not Reported  
DEC Memo: 2/4/04 Spill date is estimated as occurring sometime in 1999, based upon data submitted by Shell's consultant, Phoenix Environmental.  
Summary:DTW 20-25'bgs. Flow east to northeast.7/90-2/98 MTBE concentrations in onsite wells MW-2 and MW-4 ranged from ND to 986ppb. 2/99-2/03 MTBE concentrations in wells MW-2 and MW-4 ranged from 619ppb to 34400ppb. The highest concentrations of MTBE in wells MW-2 and MW-4 were 34400ppb and 23300ppb respectively.From 1990 to 1991, concentrations in MW-3 ranged from 24,000ppb to 26,000ppb. Product was detected intermittently in well MW-3 from 1991 to 2003. On March 30, 1998 product was not present and a groundwater sample was collected with an MTBE concentration of 3990ppb. In 2000, MTBE concentrations in MW-3 ranged from 181,000ppb to 842,000ppb.From 1990 to 1991, concentrations in MW-1 ranged from 1600ppb to 24000ppb for MTBE. MW-1 was destroyed during construction in 1993. MTBE concentrations in MW-1 appear to be a minor spike, localized to the tank field area. This is supported by the fact that down gradient MW-2 ranged from 14 to 986ppb until 1999 when MTBE concentrations throughout the site increased significantly.2/13/04 Stipulation agreement faxed(516-997-3673) and mailed to Cary Wolf, Wolf Petroleum and B. Beck, National Environmental.2/13/04 Spoke with B. Beck. He expressed concern that Shell will not be held responsible for their spill. I explained that Shell spill #9110815 remains open. He will speak to Cary Wolf on Tuesday 2/17/04 and get back to me.4/21/04 Received letter from Mr. Wolf's attorney. Reluctant to execute a stipulation because "they have info suggesting the detection of increased MTBE is related to an upgradient, off-site discharge". There is a Hess station(810 Metropolitan, spill #9702757) but downgradient. Hess is possibly being affected by Amoco as per groundwater monitoring data from Hess from 2/04.4/22/04 Spoke to B. Beck. Requested they put deadline extension request in writing with deadline for signing stip.4/28/04 Received unsigned copy of letter

## MAP FINDINGS

### SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)

from B. Beck. Report can be transmitted on or before June 4, 2004 assuming sampling is completed soon. Installation of upgradient wells may require more time. Will sample and survey all wells, possibly install upgradient wells, and complete FOIL process. Wish to arrange split sampling and gauging with Shell's consultant. Does not indicate when or if stipulation will be signed. 4/29/04 Referred to Legal, D. Rubinton. 9/29/04 Met with Barry Cohen (Certilman Balin Attorneys), Bruce Beck (consultant National Env.) with J. Rommel and L. Oliva. Wolf is taking responsibility for spill. B. Beck to send report by 10/1/04. To sign stip in interim of consent order. Changed stip to read 2 Bushwick Ave Corp (Wolf Petroleum) as the respondent. Emailed stip to B. Cohen. STIP due 10/6/04. 10/8/04 Spoke to B. Cohen. He will be bringing stip over to Wolf for signature today. 10/15/04 Received signed stip. Also received passing system test results (Crompco). 10/19/04 Stip fully executed by T. Kunkel. Investigation summary report due 12/19/04. 1/14/05 Received letter from B. Beck of partial completion of investigation which includes sample results for three wells. Results indicate BTEX from ND (MW-2,4) to 820ppb (MW-3). MTBE from 102ppb (MW-4) to 590ppb (MW-3). MW-1 has been destroyed. 6/30/05 Received quarterly report. Sampled three wells (MW-2,3,4) in 4/05. BTEX from ND (MW-4) to 3.4ppb (MW-2). MTBE from 3ppb (MW-4) to 17ppb (MW-2). Report states that construction of MW-4 was rehabilitated to avoid a nearby self-serve car wash machine run-off from entering well. MW-3 is mounted in a 2'X2' manhole pit which collects run-off and is "oily". Trace "oily" product found in MW-3 (0.3"). 1/31/06: Case reassigned to Andersen. Recent monitoring report overdue. MW-2 and MW-4 have low contaminant concentrations. MW-3 has 0.3 inches product. Sent Bruce Beck an email saying quarterly reports are overdue. He replied saying samples were just taken and he would send a report in approximately 4 weeks. 3/13/06: Received letter from Bruce Beck saying a report will be submitted. 5/19/06: Consent order meeting with Wolf scheduled for June 2 at 11am. 6/8/06: Meeting with NYSDEC, Barry Cohen (Wolf's attorney's) and Bruce Beck (Wolf's consultant) regarding the consent order. Barry Cohen indicated that Sunoco may also be a responsible party. 7/10/06: Emailed Bruce Beck to set up a meeting to discuss deliverables required for consent order. 7/13/06: Received update

## MAP FINDINGS

### SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)

report dated 3/3/06. MW-4 was repaired. Groundwater samples collected on 1/30/06. MW-3 has a sheen, heavy oil staining, and a PVC pipe that connects it to MW-4 (probably used for recovery). Benzene 6.9 ppb in MW4. MTBE 73 in MW4. NEMA proposed: 1) clean all wells with Biosolve, 2) cleanout MW3 manway casing and seal well at top, 3) install a monitoring well in the location of former MW1, 4) sample wells quarterly (starting after Biosolve use. Approved proposed remedial methods.8/2/06: Meeting with Bruce Beck on 7/25/06 to discuss deliverables. Shell is also a potential responsible party for this spill. 9/28/06: Received email from Bruce Beck: "Why was Shell released from the spill?The numbers presented by them prior to the 'MTBE spike' were not near closure. The MTBE spike was a single event and the post spike concentrations returned to pre-spike concentrations immediately afterwards."1/11/07: Received update report. MW1 redrilled. MW3 cleaned with Biosolve. Wells sampled on 11/14/06. No product detected. Max BTEX 250 ppb (MW3), max MTBE 171 ppb (MW3). Quarterly sampling.5/1/07: Emailed Bruce Beck to followup on submission date for next report. 5/10/07: Left phone message for Bruce Beck to followup on overdue quarterly report.5/16/07: Reviewed update report. Wells sampled in February 2007. Trace LNAPL in MW3. Low dissolved concentrations in all wells. 8/6/07: Consent order effective 7/27/07. Update report due 10/25/07.9/12/07: Consent order modified, RAP due 10/27/07.2/28/08: Reviewed September 2007 - November 2007 Quarterly Monitoring Report dated January 10, 2008. VEFR conducted from MW 3 on November 14, 2008. 50 gallons recovered. Wells sampled on November 14, 2007. 0.05 ft LNAPL in MW3. Relatively low concentrations in other wells. Wells were gauged but groundwater flow direction was not determined.3/20/08 - Carlson: Meeting with Bruce Beck at 10am. A letter-report, titled Final report on Remedial Action, dated March 18, 2008, was submitted at the meeting. Groundwater samples were not collected, groundwater flow direction was not determined, and VEFR recovery volume and waste disposal manifests were not included. Continuation of weekly VEFR events was recommended.3/24/08 - Carlson: Reviewed report dated March 18, 2008. Report stated that weekly VEFR events have been conducted since Novemebr 17, 2007. However, no documentation on these events was provided in the report. Sent letter requiring documentation of VEFR

## MAP FINDINGS

### SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)

events, quarterly groundwater sampling and gauging, and quarterly reporting. 5/8/08 - Carlson: Reviewed December 2007 - February 2008 Quarterly Monitoring Report dated March 31, 2008, received on May 7, 2008. Gauging and VEFR events were conducted once in November and December, three times in January, and twice in February. Trace product was found in MW3 in November, December, and February. Groundwater samples were collected on February 28, 2008. Maximum BTEX concentration was 3,380 ppb (MW3). Maximum MTBE concentration was 22 ppb (MW1). VEFR events will continue. 7/24/08: Reviewed Quarterly Report dated June 20, 2008. Weekly gauging of all wells. A sheen was present in all wells at some point this quarter. Weekly VEFR upgraded to all wells. Wells sampled in May 2008. MW-3 not samples because a sheen was present. Low dissolved concentrations. Review effectiveness of VEFR. 8/11/08 - Carlson: Reviewed report dated 8/8/08. Weekly VEFR ongoing. Sheen present in MW3 and MW 4 in June 2008. Groundwater sampling data was not included. 8/20/08 - Carlson: Meeting on 8/19/08 with Bruce Beck and Tracy Wall. The Department requests additional delineation. Workplan due by 10/08. 9/24/08 - Carlson: Reviewed Final Report dated 8/8/08. 10/30/08 - Carlson: Reviewed June 2008 - August 2008 Quarterly Monitoring Report. Wells sampled on August 14, 2008. Sheen present in MW3 and MW4. Maximum BTEX concentration 189 ppb (MW1), maximum MTBE concentration 17 ppb (MW1). Weekly VEFR from MW3, and MW4 if necessary. Delineation workplan was not received. 11/19/08 - Carlson: Meeting with NEMA. IP due by end of year. 12/18/08 - Carlson: Received FOIL request for 95-02757, IP deadline extended to 1/30/09 to allow for review of FOIL request. 2/20/09 - Carlson: DEC Leung returned case file because FOIL officer did not get a response from NEMA. Reviewed Quarterly Report dated January 4, 2009. Wells gauged weekly. Weekly VEFR. Sheen present in every well throughout quarter. Groundwater flow direction was not indicated on the site plan. IP overdue. Received letter dated January 25, 2009 requesting reduction in VEFR from weekly to twice-monthly. 2/23/09: Received request for extension from Tracy Wall. Replied how long of an extension she is requesting (it is already three weeks overdue, and they have had one extension already). 4/8/09 - Carlson: Reviewed December 2008 - February 2009 Quarterly Report and Investigation Workplan dated March 22, 2009. Wells sampled on March 5, 2009. Sheen

## MAP FINDINGS

### SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)

present in MW1 and MW2. Maximum BTEX concentration 254 ppb (MW3), maximum MTBE concentration 611 ppb (MW3). Weekly VEFR ongoing. Discuss effectiveness of VEFR at the upcoming meeting. Investigation workplan proposes installation of two downgradient wells on Humbolt Street. Is it possible to install a well in the parking lot at 358 Humbolt Street? Left voice message for Tracy Wall.4/29/09 - Carlson: Met with Bruce Beck. He will pursue access agreement with owner of parking lot. Revised workplan due 5/30/09.6/3/09 - Carlson: Received email from Bruce Beck. Access agreement in progress. Extension needed for workplan submittal.7/2/09 - Carlson: Received email from Bruce Beck - access agreement will be sent to off-site owner.7/8/09 - Carlson: Reviewed March 2009 - May 2009 Quarterly Monitoring Report. Wells sampled on May 28, 2009. Weekly VEFR ongoing. Sheen in every well throughout quarter. Low dissolved concentrations.10/7/09 - Carlson: Received update report. LNAPL in MW 2,3,4. Weekly VEFR ongoing. Revised investigation plan overdue.10/13/09 - Carlson: Received email from Bruce Beck: sidewalk wells will be installed this week. Revised IP required for well in private parking lot, they are working on access to the private parking lot.11/18/2009 - Carlson: Meeting with Bruce Beck. IP for well installation overdue. RIR for sidewalk well installation due 1/30/2010. Wolf's attorney Barry Cohen will work on access for well installation in private parking lot. 1/7/2010 - Carlson: Approved extension for investigation and quarterly report submittal to 1/31/2010.2/11/2010 - Carlson: Received RIR. Two sidewalk wells are clean, but soil samples were not collected. Received email - they can go back and do soil borings to delineate soil. IP for well in private parking lot overdue. 2/17/2010 - Carlson: Portfolio review meeting with Bruce Beck. NYSDEC to issue letter requiring delineation work plan. 3/4/2010 - Carlson: Issued letter requiring delineation work plan for soil borings adjacent to monitoring wells MW5 and 6, and a proposed mw in private parking lot to the SW of the property. Due 4/5/2010.4/7/2010 - Carlson: Received cc of access request to adjacent property owner.4/20/2010 - Carlson: Reviewed update report and investigation work plan. 4/21/2010 - Carlson: Approved work paln for installation of one off-site monitoring well (in the adjacent private parking lot), and three soil borings. RIR due in 60 days.7/16/2010 - Carlson: Reviewed RIR and

## MAP FINDINGS

### SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)

QMR. Three soil borings performed adjacent to MW's 3,5,6. Low level soil impact present in boring adjacent to MW3. Sheen present in MW3. Off-site soil boring in private parking lot was not installed. Weekly VEFR ongoing. 1/14/11 - Obligado - I received a letter from Impact requesting monthly instead of weekly gauging, since product has not been encountered for the past 3 months. I approved this request. 4/6/11 - Obligado - I reviewed the 1Q11 update report. BTEX concentrations of 16,760 ug/L were detected in MW3. No product detected. GW is 22 feet below grade. I reviewed some historical reports to gain information related to free product and subway tunnel. According to a 1990 Handex report, there is a subway easement in the northeast corner of the site. The bottom of the tunnel is 26 feet bgs. The top of the tunnel is approximately 7 feet below grade. Therefore the tunnel cuts across the water table and probably acts as a ground water barrier. The subway contains a sump-pump system for seepage along length of the tunnel and two pump stations located within the vicinity of the site. 9/27/11 - Obligado - I reviewed the 2Q11 update report. No product detected. 6201 ug/L BTEX in MW3. They recommend returning to quarterly gauging due to continued lack of product. Meeting held on 1/30/2012 with Christine Camardella and Kevin Kleaka of Impact Environmental, Barry Cohen of Certilman Balin, and Carlson, Kolleeny and Urda of NYSDEC. IWP to be submitted in 30 days for an additional on-site well in the NE portion of the site. May not be feasible because the subway is located directly adjacent to the site. 3/16/2012 - Carlson: Reviewed 4th quarter 2011 update report. MW1 not sampled - inaccessible. MW2 - MW4 sampled only. No LNAPL noted. Large decrease in VOC concentration in MW3 since last sampling. Significant VOC concentration in MW1 in 9/26/11 sampling event. IWP for on-site delineation overdue - as discussed during 1/30/12 meeting. 3/29/12 - Carlson: Reviewed IWP, delineation not accessible due to subway. MNA proposed. 9/11/12 - Carlson: Reviewed 2nd quarterly update report dated 7/17/12. The report documents groundwater gauging and sampling conducted in June 2012. Volatile organic compounds are present above the Departments standards in three wells. 9/12/12 - Carlson: Issued RAWP required letter. RAWP due 10/12/12. 11/8/12 - Carlson: Received email from Christine Camardella on 9/14/12. Remediation not possible because MW-3 is located 13 feet

MAP FINDINGS

**SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)**

from the subway tunnel. No intrusive work allowed within 20 feet of subway tunnel (this includes chemical injection). Replied to email - how about waterloo oxygen emitters?07/15/13 - Spill Case is transferred from Sarah Carlson (Section C) to Brevdo (Section B) as per DER Region 2 decision. VB07/30/2013 - Spill Case is re-assigned to Alex Zhitomirsky. Re-assignment of Wolf cases to Alex Zhitomirsky discussed between Alex Zhitormirsky and Vadim Brevdo on 7/29/2013 and via Brevdo's e-mails of 7/17/2013 and 7/29/2013. VB11-15-2013 Received an e-mail from Christine Camardella dated 11-13-2013:"Alex,This is to inform you that we are proceeding with the installation of one soil boring at the above-referenced Site on Monday, November 18th. The soil data will be used to determine the effectiveness of the soil vapor extraction system that operated at the Site pursuant to our previous request for no further action in which the NYSDEC requested current soil data.If you have any questions please do not hesitate to contact me.Thank you.Christine CamardellaIMPACT ENVIRONMENTALT | 631.269.8800"l left a message requesting info regarding location of the planned boring. AZ2-10-2014 Reviewed a 2nd quarter 2013 monitoring report received on August 16, 2013. The report stated that total VOCs ranged 10 ppb to 853 ppb in MW-3. Contamination found in MW-3 is due to residual contamination from the original spill number. Impact conducted a vacuum enhanced fluid recovery (EFR)event on June 6, 2013. Approximately 84 gallons of water was removed from two wells. AZ

Remarks: MTBE spike detected during groundwater monitoring for spill #9110815. Possible new release. Currently an Amoco station owned by Wolf Petroleum.

**Material:**

Site ID:	182084
Operable Unit ID:	880626
Operable Unit:	01
Material ID:	496565
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not Reported

MAP FINDINGS

**SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)**

Oxygenate:	True
Site ID:	182084
Operable Unit ID:	880626
Operable Unit:	01
Material ID:	574723
Material Code:	2645A
Material Name:	BTEX
Case No.:	Not Reported
Material FA:	Oxygenates
Quantity:	Not Reported
Units:	Not Reported
Recovered:	Not Reported
Resource Affected:	Not Reported
Oxygenate:	True
Site ID:	182084
Operable Unit ID:	880626
Operable Unit:	01
Material ID:	574722
Material Code:	1213A
Material Name:	MTBE (METHYL-TERT-BUTYL ETHER)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not Reported
Units:	Not Reported
Recovered:	Not Reported
Resource Affected:	Not Reported
Oxygenate:	True

**Tank Test:**

**LTANKS: State and tribal leaking storage tank lists** 

Site ID:	182085
Spill Number/Closed Date:	8900824 / 4/30/1991
Spill Date:	4/26/1989
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Not Reported
Cleanup Ceased:	4/30/1991
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	SULLIVAN
Referred To:	Not Reported
Reported to Dept:	4/26/1989
CID:	Not Reported
Water Affected:	Not Reported
Spill Notifier:	Tank Tester
Last Inspection:	Not Reported
Recommended Penalty:	False

MAP FINDINGS

**SHELL OIL CO, 2 BUSHWICK AVE, BROOKLYN, NY 112112505 (Continued)**

UST Involvement: True  
 Remediation Phase: 0  
 Date Entered In Computer: 5/2/1989  
 Spill Record Last Update: 10/18/2004  
 Spiller Name: Not Reported  
 Spiller Company: SHELL OIL  
 Spiller Address: 2 BUSHWICK AVENUE  
 Spiller City,St,Zip: BROOKLYN, NY  
 Spiller County: 001  
 Spiller Contact: Not Reported  
 Spiller Phone: Not Reported  
 Spiller Extention: Not Reported  
 DEC Region: 2  
 DER Facility ID: 317029  
 DEC Memo: Not Reported  
 Remarks: 550 GALLON TANK FAILED TANK AUDITOR WITH A LEAK RATE OF .10GPH, WILL EXCAVATE & REPAIR & RETEST, POSSIBLE PIPE LEAK,DEC INVESTIGATED SITE.

**Material:**

Site ID: 182085  
 Operable Unit ID: 927385  
 Operable Unit: 01  
 Material ID: 452150  
 Material Code: 0009  
 Material Name: Gasoline  
 Case No.: Not Reported  
 Material FA: Petroleum  
 Quantity: -1  
 Units: Pounds  
 Recovered: No  
 Resource Affected: Not Reported  
 Oxygenate: False

**Tank Test:**

Site ID: 182085  
 Spill Tank Test: 1535388  
 Tank Number: Not Reported  
 Tank Size: 0  
 Test Method: 00  
 Leak Rate: 0  
 Gross Fail: Not Reported  
 Modified By: Spills  
 Last Modified: 10/1/2004  
 Test Method: Unknown

MAP FINDINGS

2 BUSHWICK AVE 2 BUSHWICK AVE, BROOKLYN, NY, 11211			1015299061
▼ A7	E <1/10	(191 ft. / 0.036 mi.)	Historical Gas Stations
	1 ft. Lower Elevation	38 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

**Conditions:**

Petroleum Hydrocarbon Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Crossgradient: YES

**EDR Historical Auto Stations: Historical Gas Stations** 

Name:	L & R SHELL AUTO SERVICE INC
Year:	2001
Address:	2 BUSHWICK AVE
Name:	L & R SHELL AUTO SERVICE INC
Year:	2002
Address:	2 BUSHWICK AVE
Name:	R & R AUTO REPAIR SHOP
Year:	2003
Address:	2 BUSHWICK AVE
Name:	R & R AUTO REPAIR SHOP
Year:	2004
Address:	2 BUSHWICK AVE
Name:	K & D AUTO REPAIR SHOP
Year:	2005
Address:	2 BUSHWICK AVE

MAP FINDINGS

5 BUSHWICK AVE 5 BUSHWICK AVE, BROOKLYN, NY, 11211			1015520556
▼ A8	E <1/10	(198 ft. / 0.038 mi.)	Historical Gas Stations
	1 ft. Lower Elevation	38 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

**Conditions:**

Petroleum Hydrocarbon Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Crossgradient: YES

**EDR Historical Auto Stations: Historical Gas Stations** 

Name:	STAR RITE TRANSMISSIONS INCORPORATED
Year:	2000
Address:	5 BUSHWICK AVE
Name:	STAR RITE TRANSMISSIONS INC
Year:	2003
Address:	5 BUSHWICK AVE
Name:	STAR RITE TRANSMISSIONS INC
Year:	2004
Address:	5 BUSHWICK AVE
Name:	STAR RITE TRANSMISSIONS INC
Year:	2005
Address:	5 BUSHWICK AVE

MAP FINDINGS

MERIT S/S / BKLN METROPOLITAN & BUSHWICK, BROOKLYN, NY,			S102145594
▼ A9	E <1/10	(198 ft. / 0.038 mi.)	Other Standard Environmental Records
	1 ft. Lower Elevation	38 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** not a vec due to minimal amount of material released.

**Conditions:**

Petroleum Hydrocarbon Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Crossgradient: YES

**SPILLS: Other Standard Environmental Records** 

Facility ID: 8909052  
 Facility Type: ER  
 DER Facility ID: 199943  
 Site ID: 243418  
 DEC Region: 2  
 Spill Date: 12/14/1989  
 Spill Number/Closed Date: 8909052 / 12/14/1989  
 Spill Cause: Equipment Failure  
 Spill Class: Not Reported  
 SWIS: 2401  
 Investigator: SIGONA  
 Referred To: Not Reported  
 Reported to Dept: 12/14/1989  
 CID: Not Reported  
 Water Affected: Not Reported  
 Spill Source: Tank Truck  
 Spill Notifier: Responsible Party  
 Cleanup Ceased: 12/14/1989  
 Cleanup Meets Std: True  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 1/2/1990  
 Spill Record Last Update: 9/30/2004  
 Spiller Name: Not Reported  
 Spiller Company: ISL TRANS  
 Spiller Address: 57-00 37 ST  
 Spiller City,St,Zip: MASPETH, ZZ  
 Spiller Company: 001  
 Contact Name: Not Reported  
 Contact Phone: Not Reported  
 DEC Memo: Not Reported  
 Remarks: MECHANICAL FAILURE - DIESEL SPURTED OUT BECAUSE OF PRESSURE. TYREE TO

MAP FINDINGS

**MERIT S/S / BKLN, METROPOLITAN & BUSHWICK, BROOKLYN, NY (Continued)**

CLEAN.(718)4762058. NO DIESEL IMPACT TO GROUNDWATER, CATCH BASIN  
CLEANED OUT BY ITC.

**Material:**

Site ID:	243418
Operable Unit ID:	934075
Operable Unit:	01
Material ID:	442231
Material Code:	0008
Material Name:	Diesel
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	8
Units:	Gallons
Recovered:	No
Resource Affected:	Not Reported
Oxygenate:	False

**Tank Test:**

MAP FINDINGS

807 METROPOLITAN AVE 807 METROPOLITAN AVE, BROOKLYN, NY, 11211			1015641847
▼ A10	E <1/10	(200 ft. / 0.038 mi.)	Historical Gas Stations
	1 ft. Lower Elevation	38 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

**Conditions:**

Petroleum Hydrocarbon Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Crossgradient: YES

**EDR Historical Auto Stations: Historical Gas Stations** 

Name:	BROOKLYN CITY TRANSMISSIONS
Year:	1999
Address:	807 METROPOLITAN AVE
Name:	BROOKLYN CITY TRANSMISSIONS
Year:	2000
Address:	807 METROPOLITAN AVE
Name:	BROOKLYN CITY TRANSMISSIONS
Year:	2001
Address:	807 METROPOLITAN AVE
Name:	BROOKLYN CITY TRANSMISSION INC
Year:	2002
Address:	807 METROPOLITAN AVE
Name:	APPLE AUTO GROUP
Year:	2008
Address:	807 METROPOLITAN AVE

MAP FINDINGS

METROPOLITAN AVE/MERRIT METROPOLITAN&BUSHWICK AVE, NEW YORK CITY, NY,			S102671408
▲ B11	ESE <1/10	(211 ft. / 0.04 mi.)	State and tribal leaking storage tank lists
	Equal Elevation	39 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

Not a VEC due to minimal amount of material released

**Groundwater Flow Gradient:**

Crossgradient: YES

**LTANKS: State and tribal leaking storage tank lists** 

Site ID: 252968  
 Spill Number/Closed Date: 8903546 / 7/10/1989  
 Spill Date: 7/9/1989  
 Spill Cause: Tank Overfill  
 Spill Source: Gasoline Station  
 Spill Class: Not Reported  
 Cleanup Ceased: 7/10/1989  
 Cleanup Meets Standard: True  
 SWIS: 2401  
 Investigator: RWAUSTIN  
 Referred To: Not Reported  
 Reported to Dept: 7/9/1989  
 CID: Not Reported  
 Water Affected: Not Reported  
 Spill Notifier: Responsible Party  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Involvement: True  
 Remediation Phase: 0  
 Date Entered In Computer: 7/11/1989  
 Spill Record Last Update: 9/30/2004  
 Spiller Name: Not Reported  
 Spiller Company: ISLAND TRANSPORTATION  
 Spiller Address: 5700 47TH STREET  
 Spiller City,St,Zip: MASPETH, NY  
 Spiller County: 001  
 Spiller Contact: Not Reported  
 Spiller Phone: Not Reported  
 Spiller Extention: Not Reported  
 DEC Region: 2  
 DER Facility ID: 207227  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "AUSTIN"07/10/89: NO ACTION REQUIRED OF DEC DUE TO SIZE OF SPILL.  
 Remarks: FIRE DEPT ON SCENE, SPILL CLEANED UP WITH SPEEDY DRY, REPORT CONFIRMEDWITH FIRE DEPT DISPATCHER.

MAP FINDINGS

**METROPOLITAN AVE/MERRIT, METROPOLITAN&BUSHWICK AVE, NEW YORK CITY, NY (Continued)**

**Material:**

Site ID:	252968
Operable Unit ID:	931040
Operable Unit:	01
Material ID:	447631
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not Reported
Oxygenate:	False

**Tank Test:**

MAP FINDINGS

810 METROPOLITAN AVE 810 METROPOLITAN AVE, BROOKLYN, NY, 11211			1015643131
▼ B12	E <1/10	(235 ft. / 0.044 mi.)	Historical Gas Stations
	1 ft. Lower Elevation	38 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

**Conditions:**

Petroleum Hydrocarbon Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Crossgradient: YES

**EDR Historical Auto Stations: Historical Gas Stations** 

Name:	MERIT GASOLINE STATIONS
Year:	1999
Address:	810 METROPOLITAN AVE
Name:	MERIT GASOLINE STATIONS
Year:	2000
Address:	810 METROPOLITAN AVE
Name:	MERIT GAS STATIONS
Year:	2001
Address:	810 METROPOLITAN AVE
Name:	AMERADA HESS CORP
Year:	2003
Address:	810 METROPOLITAN AVE
Name:	AMERIDA HESS GAS STATION
Year:	2006
Address:	810 METROPOLITAN AVE
Name:	AMERIDA HESS GAS STATION
Year:	2007
Address:	810 METROPOLITAN AVE
Name:	AMERIDA HESS GAS STATION
Year:	2008
Address:	810 METROPOLITAN AVE
Name:	HESS CORP
Year:	2009
Address:	810 METROPOLITAN AVE
Name:	MERIT GASOLINE STATIONS
Year:	2010
Address:	810 METROPOLITAN AVE
Name:	MERIT GASOLINE STATIONS
Year:	2011
Address:	810 METROPOLITAN AVE

MAP FINDINGS

**810 METROPOLITAN AVE, 810 METROPOLITAN AVE, BROOKLYN, NY 11211 (Continued)**

Name:	MERIT GASOLINE STATIONS
Year:	2012
Address:	810 METROPOLITAN AVE

MAP FINDINGS

MERIT OIL CORP 810 METROPOLITAN AVE, BROOKLYN, NY, 112112515			1000263777
▼ B13	E <1/10	(235 ft. / 0.044 mi.)	State and tribal leaking storage tank lists
	1 ft. Lower Elevation	38 ft. Above Sea Level	State and tribal registered storage tank lists Other Standard Environmental Records

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

**Conditions:**

Not Applicable: YES

**Groundwater Flow Gradient:**

Crossgradient: YES

**FINDS: Other Standard Environmental Records** 

Registry ID: 110004415954

**Environmental Interest/Information System:**

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

**AIRS (AFS): Other Standard Environmental Records** 

**Airs Minor Details:**

EPA plant ID: 110004415954  
 Plant name: MERIT METROPOLITAN  
 Plant address: 810 METROPOLITAN AVE  
 BROOKLYN, NY 11222  
  
 County: KINGS  
 Region code: 02  
 Dunn & Bradst #: 162426795  
 Air quality cntrl region: 043  
 Sic code: 5541  
 Sic code desc: GASOLINE SERVICE STATIONS  
 North Am. industrial classf: Not Reported  
 NAIC code description: Not Reported  
 Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not Reported

**Historical Compliance Minor Sources:**

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE

**Compliance & Violation Data by Minor Sources:**

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

Air program code:	SIP SOURCE
Plant air program pollutant:	VOLATILE ORGANIC COMPOUNDS
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	Not Reported
Repeat violator date:	Not Reported
Turnover compliance:	Not Reported
Air program code:	SIP SOURCE
Plant air program pollutant:	Not Reported
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date:	Not Reported
Turnover compliance:	Not Reported

**AIRS MINOR:**

**Airs Minor Details:**

EPA plant ID:	110004415954
Plant name:	MERIT METROPOLITAN
Plant address:	810 METROPOLITAN AVE BROOKLYN, NY 11222
County:	KINGS
Region code:	02
Dunn & Bradst #:	162426795
Air quality cntrl region:	043
Sic code:	5541
Sic code desc:	GASOLINE SERVICE STATIONS
North Am. industrial classf:	Not Reported
NAIC code description:	Not Reported
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not Reported

**Historical Compliance Minor Sources:**

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE

**Compliance & Violation Data by Minor Sources:**

Air program code:	SIP SOURCE
Plant air program pollutant:	VOLATILE ORGANIC COMPOUNDS
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	Not Reported
Repeat violator date:	Not Reported
Turnover compliance:	Not Reported
Air program code:	SIP SOURCE
Plant air program pollutant:	Not Reported
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date:	Not Reported
Turnover compliance:	Not Reported

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

Date form received by agency: 01/01/2007  
 Facility name: MERIT OIL CORP  
 Facility address: 810 METROPOLITAN AVE  
 BROOKLYN, NY 112112515  
 EPA ID: NYD982185720  
 Mailing address: W LANCASTER AVE  
 HAVERFORD, NY 19041  
 Contact: Not Reported  
 Contact address: W LANCASTER AVE  
 HAVERFORD, NY 19041  
 Contact country: US  
 Contact telephone: Not Reported  
 Contact email: Not Reported  
 EPA Region: 02  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: MERIT OIL CORP  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, WY 99999  
 Owner/operator country: US  
 Owner/operator telephone: (212) 555-1212  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: Not Reported  
 Owner/Op end date: Not Reported  
 Owner/operator name: MERIT OIL CORP  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, WY 99999  
 Owner/operator country: US  
 Owner/operator telephone: (212) 555-1212  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: Not Reported  
 Owner/Op end date: Not Reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No

MAP FINDINGS
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**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

**Historical Generators:**

Date form received by agency:	01/01/2006
Site name:	MERIT OIL CORP
Classification:	Not a generator, verified
Date form received by agency:	07/08/1999
Site name:	MERIT OIL CORP
Classification:	Not a generator, verified
Date form received by agency:	05/11/1987
Site name:	MERIT OIL CORP
Classification:	Large Quantity Generator
Violation Status:	No violations found

**UST: State and tribal registered storage tank lists** 

Id/Status:	2-297410 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	05/23/2015
UTM X:	589406.49727000005
UTM Y:	4507604.8834600002
Site Type:	Retail Gasoline Sales

**Affiliation Records:**

Site Id:	13734
Affiliation Type:	Facility Owner
Company Name:	HESS CORPORATION
Contact Type:	Not Reported
Contact Name:	Not Reported
Address1:	1 HESS PLAZA
Address2:	Not Reported
City:	WOODBIDGE
State:	NJ
Zip Code:	07095
Country Code:	001
Phone:	(732) 750-6000
EMail:	Not Reported
Fax Number:	Not Reported
Modified By:	NRLOMBAR
Date Last Modified:	5/31/2013

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

Site Id: 13734  
 Affiliation Type: Mail Contact  
 Company Name: HESS CORPORATION  
 Contact Type: LICENSE COORDINATOR  
 Contact Name: JANICE FLAHERTY  
 Address1: 1 HESS PLAZA  
 Address2: Not Reported  
 City: WOODBRIDGE  
 State: NJ  
 Zip Code: 07095  
 Country Code: 001  
 Phone: (732) 750-6000  
 EMail: Not Reported  
 Fax Number: Not Reported  
 Modified By: KCKEMP  
 Date Last Modified: 6/5/2014

Site Id: 13734  
 Affiliation Type: On-Site Operator  
 Company Name: HESS 32522  
 Contact Type: Not Reported  
 Contact Name: SITE MANAGER  
 Address1: Not Reported  
 Address2: Not Reported  
 City: Not Reported  
 State: NN  
 Zip Code: Not Reported  
 Country Code: 001  
 Phone: (732) 750-6000  
 EMail: Not Reported  
 Fax Number: Not Reported  
 Modified By: NRLOMBAR  
 Date Last Modified: 5/31/2013

Site Id: 13734  
 Affiliation Type: Emergency Contact  
 Company Name: HESS CORPORATION  
 Contact Type: Not Reported  
 Contact Name: JIM HOWARD  
 Address1: Not Reported  
 Address2: Not Reported  
 City: Not Reported  
 State: NN  
 Zip Code: Not Reported  
 Country Code: 999  
 Phone: (732) 750-6000  
 EMail: Not Reported  
 Fax Number: Not Reported  
 Modified By: RFNOVAK  
 Date Last Modified: 6/2/2014

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

**Tank Info:**

Tank Number:	008
Tank ID:	49696
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	06/01/1995
Date Tank Closed:	Not Reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	20
Date Test:	08/01/1997
Next Test Date:	Not Reported
Pipe Model:	Not Reported
Modified By:	NRLOMBAR
Last Modified:	05/31/2013

**Equipment Records:**

A00 - Tank Internal Protection - None  
 J01 - Dispenser - Pressurized Dispenser  
 C02 - Pipe Location - Underground/On-ground  
 H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
 I02 - Overfill - High Level Alarm  
 F04 - Pipe External Protection - Fiberglass  
 K01 - Spill Prevention - Catch Basin  
 D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
 G04 - Tank Secondary Containment - Double-Walled (Underground)  
 L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
 E04 - Piping Secondary Containment - Double-Walled (Underground)  
 B04 - Tank External Protection - Fiberglass  
 L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
 I01 - Overfill - Float Vent Valve

Tank Number:	009
Tank ID:	49697
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	06/01/1995
Date Tank Closed:	Not Reported

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

Registered: True  
 Tank Location: Underground  
 Tank Type: Equivalent technology  
 Material Code: 2712  
 Common Name of Substance: Gasoline/Ethanol  
 Tightness Test Method: 20  
 Date Test: 08/01/1997  
 Next Test Date: Not Reported  
 Pipe Model: Not Reported  
 Modified By: NRLOMBAR  
 Last Modified: 05/31/2013

**Equipment Records:**

C02 - Pipe Location - Underground/On-ground  
 H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
 I02 - Overfill - High Level Alarm  
 F04 - Pipe External Protection - Fiberglass  
 K01 - Spill Prevention - Catch Basin  
 B04 - Tank External Protection - Fiberglass  
 L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
 D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
 G04 - Tank Secondary Containment - Double-Walled (Underground)  
 E04 - Piping Secondary Containment - Double-Walled (Underground)  
 I01 - Overfill - Float Vent Valve  
 A00 - Tank Internal Protection - None  
 J02 - Dispenser - Suction Dispenser  
 L09 - Piping Leak Detection - Exempt Suction Piping

Tank Number: 010  
 Tank ID: 49698  
 Tank Status: In Service  
 Material Name: In Service  
 Capacity Gallons: 4000  
 Install Date: 06/01/1995  
 Date Tank Closed: Not Reported  
 Registered: True  
 Tank Location: Underground  
 Tank Type: Equivalent technology  
 Material Code: 2712  
 Common Name of Substance: Gasoline/Ethanol  
 Tightness Test Method: 20  
 Date Test: 08/01/1997  
 Next Test Date: Not Reported  
 Pipe Model: Not Reported

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

Modified By: NRLOMBAR  
 Last Modified: 05/31/2013

**Equipment Records:**

A00 - Tank Internal Protection - None  
 J01 - Dispenser - Pressurized Dispenser  
 C02 - Pipe Location - Underground/On-ground  
 H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
 I02 - Overfill - High Level Alarm  
 F04 - Pipe External Protection - Fiberglass  
 K01 - Spill Prevention - Catch Basin  
 D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
 G04 - Tank Secondary Containment - Double-Walled (Underground)  
 L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
 E04 - Piping Secondary Containment - Double-Walled (Underground)  
 B04 - Tank External Protection - Fiberglass  
 L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
 I01 - Overfill - Float Vent Valve

Tank Number: 011  
 Tank ID: 49699  
 Tank Status: In Service  
 Material Name: In Service  
 Capacity Gallons: 4000  
 Install Date: 06/01/1995  
 Date Tank Closed: Not Reported  
 Registered: True  
 Tank Location: Underground  
 Tank Type: Equivalent technology  
 Material Code: 2712  
 Common Name of Substance: Gasoline/Ethanol  
 Tightness Test Method: 20  
 Date Test: 08/01/1997  
 Next Test Date: Not Reported  
 Pipe Model: Not Reported  
 Modified By: NRLOMBAR  
 Last Modified: 05/31/2013

**Equipment Records:**

E04 - Piping Secondary Containment - Double-Walled (Underground)  
 F04 - Pipe External Protection - Fiberglass  
 K01 - Spill Prevention - Catch Basin  
 A00 - Tank Internal Protection - None

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

J01 - Dispenser - Pressurized Dispenser  
B04 - Tank External Protection - Fiberglass  
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
I01 - Overfill - Float Vent Valve  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm

Tank Number: 012  
Tank ID: 49700  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 06/01/1995  
Date Tank Closed: Not Reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0008  
Common Name of Substance: Diesel  
  
Tightness Test Method: 20  
Date Test: 08/01/1997  
Next Test Date: Not Reported  
Pipe Model: Not Reported  
Modified By: NRLOMBAR  
Last Modified: 05/31/2013

**Equipment Records:**

B04 - Tank External Protection - Fiberglass  
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
I01 - Overfill - Float Vent Valve  
A00 - Tank Internal Protection - None  
J01 - Dispenser - Pressurized Dispenser  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
F04 - Pipe External Protection - Fiberglass  
K01 - Spill Prevention - Catch Basin  
E04 - Piping Secondary Containment - Double-Walled (Underground)

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

C02 - Pipe Location - Underground/On-ground  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I02 - Overfill - High Level Alarm

Tank Number: 013  
Tank ID: 49701  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 600  
Install Date: 06/01/1995  
Date Tank Closed: Not Reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 9999  
Common Name of Substance: Other  
  
Tightness Test Method: 20  
Date Test: 08/01/1997  
Next Test Date: Not Reported  
Pipe Model: Not Reported  
Modified By: NRLOMBAR  
Last Modified: 06/09/2011

**Equipment Records:**

A00 - Tank Internal Protection - None  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
K01 - Spill Prevention - Catch Basin  
D00 - Pipe Type - No Piping  
J00 - Dispenser - None  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
L00 - Piping Leak Detection - None  
B04 - Tank External Protection - Fiberglass  
E00 - Piping Secondary Containment - None  
I01 - Overfill - Float Vent Valve

Tank Number: 06  
Tank ID: 15684  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 06/01/1979  
Date Tank Closed: 06/01/1995

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

Registered: True  
 Tank Location: Underground  
 Tank Type: Steel/carbon steel  
 Material Code: 0008  
 Common Name of Substance: Diesel  
 Tightness Test Method: 03  
 Date Test: 09/01/1994  
 Next Test Date: Not Reported  
 Pipe Model: Not Reported  
 Modified By: NRLOMBAR  
 Last Modified: 05/29/2013

**Equipment Records:**

A00 - Tank Internal Protection - None  
 D02 - Pipe Type - Galvanized Steel  
 J02 - Dispenser - Suction Dispenser  
 F00 - Pipe External Protection - None  
 C02 - Pipe Location - Underground/On-ground  
 B00 - Tank External Protection - None  
 G00 - Tank Secondary Containment - None  
 H99 - Tank Leak Detection - Other  
 I01 - Overfill - Float Vent Valve

Tank Number: 0P5  
 Tank ID: 15683  
 Tank Status: Closed - In Place  
 Material Name: Closed - In Place  
 Capacity Gallons: 2000  
 Install Date: 06/01/1979  
 Date Tank Closed: 02/01/1991  
 Registered: True  
 Tank Location: Underground  
 Tank Type: Steel/carbon steel  
 Material Code: 0009  
 Common Name of Substance: Gasoline  
 Tightness Test Method: 02  
 Date Test: 10/01/1989  
 Next Test Date: Not Reported  
 Pipe Model: Not Reported  
 Modified By: TRANSLAT  
 Last Modified: 03/04/2004

**Equipment Records:**

A00 - Tank Internal Protection - None  
 D02 - Pipe Type - Galvanized Steel

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

J02 - Dispenser - Suction Dispenser  
 C00 - Pipe Location - No Piping  
 F00 - Pipe External Protection - None  
 G00 - Tank Secondary Containment - None  
 B00 - Tank External Protection - None  
 I00 - Overfill - None  
 H00 - Tank Leak Detection - None

Tank Number: 1  
 Tank ID: 15679  
 Tank Status: Closed - Removed  
 Material Name: Closed - Removed  
 Capacity Gallons: 2000  
 Install Date: 06/01/1979  
 Date Tank Closed: 06/01/1995  
 Registered: True  
 Tank Location: Underground  
 Tank Type: Steel/carbon steel  
 Material Code: 0009  
 Common Name of Substance: Gasoline  
 Tightness Test Method: 01  
 Date Test: 09/01/1994  
 Next Test Date: Not Reported  
 Pipe Model: Not Reported  
 Modified By: TRANSLAT  
 Last Modified: 03/04/2004

**Equipment Records:**

A00 - Tank Internal Protection - None  
 D02 - Pipe Type - Galvanized Steel  
 J02 - Dispenser - Suction Dispenser  
 C02 - Pipe Location - Underground/On-ground  
 F00 - Pipe External Protection - None  
 G00 - Tank Secondary Containment - None  
 H99 - Tank Leak Detection - Other  
 B00 - Tank External Protection - None  
 I01 - Overfill - Float Vent Valve

Tank Number: 2  
 Tank ID: 15680  
 Tank Status: Closed - Removed  
 Material Name: Closed - Removed  
 Capacity Gallons: 4000  
 Install Date: 06/01/1979

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

Date Tank Closed: 06/01/1995  
 Registered: True  
 Tank Location: Underground  
 Tank Type: Steel/carbon steel  
 Material Code: 0009  
 Common Name of Substance: Gasoline  
 Tightness Test Method: 01  
 Date Test: 09/01/1994  
 Next Test Date: Not Reported  
 Pipe Model: Not Reported  
 Modified By: TRANSLAT  
 Last Modified: 03/04/2004

**Equipment Records:**

I01 - Overfill - Float Vent Valve  
 A00 - Tank Internal Protection - None  
 D02 - Pipe Type - Galvanized Steel  
 J02 - Dispenser - Suction Dispenser  
 F00 - Pipe External Protection - None  
 B00 - Tank External Protection - None  
 G00 - Tank Secondary Containment - None  
 H99 - Tank Leak Detection - Other  
 C02 - Pipe Location - Underground/On-ground

Tank Number: 3  
 Tank ID: 15681  
 Tank Status: Closed - Removed  
 Material Name: Closed - Removed  
 Capacity Gallons: 4000  
 Install Date: 06/01/1979  
 Date Tank Closed: 06/01/1995  
 Registered: True  
 Tank Location: Underground  
 Tank Type: Steel/carbon steel  
 Material Code: 0009  
 Common Name of Substance: Gasoline  
 Tightness Test Method: 01  
 Date Test: 07/01/1994  
 Next Test Date: Not Reported  
 Pipe Model: Not Reported  
 Modified By: TRANSLAT  
 Last Modified: 03/04/2004

**Equipment Records:**

B00 - Tank External Protection - None

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

C02 - Pipe Location - Underground/On-ground  
 I01 - Overfill - Float Vent Valve  
 A00 - Tank Internal Protection - None  
 D02 - Pipe Type - Galvanized Steel  
 J02 - Dispenser - Suction Dispenser  
 G00 - Tank Secondary Containment - None  
 H99 - Tank Leak Detection - Other  
 F00 - Pipe External Protection - None

Tank Number: 4  
 Tank ID: 15682  
 Tank Status: Closed - Removed  
 Material Name: Closed - Removed  
 Capacity Gallons: 4000  
 Install Date: 06/01/1979  
 Date Tank Closed: 06/01/1995  
 Registered: True  
 Tank Location: Underground  
 Tank Type: Steel/carbon steel  
 Material Code: 0009  
 Common Name of Substance: Gasoline  
 Tightness Test Method: 01  
 Date Test: 09/01/1994  
 Next Test Date: Not Reported  
 Pipe Model: Not Reported  
 Modified By: TRANSLAT  
 Last Modified: 03/04/2004

**Equipment Records:**

A00 - Tank Internal Protection - None  
 D02 - Pipe Type - Galvanized Steel  
 J02 - Dispenser - Suction Dispenser  
 B00 - Tank External Protection - None  
 F00 - Pipe External Protection - None  
 G00 - Tank Secondary Containment - None  
 H99 - Tank Leak Detection - Other  
 I01 - Overfill - Float Vent Valve  
 C02 - Pipe Location - Underground/On-ground

Tank Number: 6  
 Tank ID: 248539  
 Tank Status: In Service  
 Material Name: In Service  
 Capacity Gallons: 600

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

Install Date: 06/01/1995  
 Date Tank Closed: Not Reported  
 Registered: True  
 Tank Location: Underground  
 Tank Type: Equivalent technology  
 Tightness Test Method: NN  
 Date Test: Not Reported  
 Next Test Date: Not Reported  
 Pipe Model: Not Reported  
 Modified By: NRLOMBAR  
 Last Modified: 05/31/2013

**Equipment Records:**

A00 - Tank Internal Protection - None  
 L00 - Piping Leak Detection - None  
 G04 - Tank Secondary Containment - Double-Walled (Underground)  
 C00 - Pipe Location - No Piping  
 F00 - Pipe External Protection - None  
 K01 - Spill Prevention - Catch Basin  
 D00 - Pipe Type - No Piping  
 J00 - Dispenser - None  
 B04 - Tank External Protection - Fiberglass  
 E00 - Piping Secondary Containment - None  
 I01 - Overfill - Float Vent Valve  
 H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Number: 7  
 Tank ID: 15685  
 Tank Status: Closed - Removed  
 Material Name: Closed - Removed  
 Capacity Gallons: 550  
 Install Date: 06/01/1979  
 Date Tank Closed: 06/01/1995  
 Registered: True  
 Tank Location: Underground  
 Tank Type: Steel/carbon steel  
 Material Code: 9999  
 Common Name of Substance: Other  
 Tightness Test Method: 01  
 Date Test: 07/01/1994  
 Next Test Date: Not Reported  
 Pipe Model: Not Reported  
 Modified By: TRANSLAT  
 Last Modified: 03/04/2004

**Equipment Records:**

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

I01 - Overfill - Float Vent Valve  
A00 - Tank Internal Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
H99 - Tank Leak Detection - Other  
J00 - Dispenser - None

**NY MANIFEST: Other Standard Environmental Records** 

EPA ID: NYD982185720  
Country: USA

**Mailing Info:**

Name: MERIT OIL CORPORATION  
Contact: DOM DEBENEDICTIS  
Address: 551 W LANCASTER AVENUE  
City/State/Zip: HAVERFORD, PA 19041  
Country: USA  
Phone: 516-731-0036

Document ID: PAE5165786  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: PAAH0067  
Trans2 State ID: Not Reported  
Generator Ship Date: 951103  
Trans1 Recv Date: 951130  
Trans2 Recv Date: Not Reported  
TSD Site Recv Date: 951201  
Part A Recv Date: 951215  
Part B Recv Date: 960227  
Generator EPA ID: NYD982185720  
Trans1 EPA ID: NJD054126164  
Trans2 EPA ID: Not Reported  
TSDf ID: PAD067098822  
Waste Code: D018 - BENZENE 0.5 MG/L TCLP  
Quantity: 00385  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 007  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

**SPILLS: Other Standard Environmental Records** 

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

Facility ID: 9502757  
 Facility Type: ER  
 DER Facility ID: 133692  
 Site ID: 158144  
 DEC Region: 2  
 Spill Date: 6/5/1995  
 Spill Number/Closed Date: 9502757 / 5/6/2013  
 Spill Cause: Other  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 SWIS: 2401  
 Investigator: RJFENG  
 Referred To: DENIED SPILL CLOSURE, RESPONSE BY11/2012  
 Reported to Dept: 6/5/1995  
 CID: Not Reported  
 Water Affected: Not Reported  
 Spill Source: Gasoline Station  
 Spill Notifier: Affected Persons  
 Cleanup Ceased: Not Reported  
 Cleanup Meets Std: False  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 6/13/1995  
 Spill Record Last Update: 5/6/2013  
 Spiller Name: Not Reported  
 Spiller Company: HESS/MERIT  
 Spiller Address: Not Reported  
 Spiller City,St,Zip: ZZ  
 Spiller Company: 001  
 Contact Name: Not Reported  
 Contact Phone: Not Reported  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SUN"10/28/2005: Project reassigned from Sun to Andersen. Reviewed the triannual report dated 8/19/2005, there is local contamination around MW-4. A stip needs to be sent out to begin remediation.12/6/05: Reviewed the tri-annual report dated 11/29/05. Three MW's sampled on October 11, 2005. Max BTEX is 2,318ppb (MW4) and max MTBE is 91 (MW2). Fluctuating concentrations. Sent RAP required letter.1/3/06: Spoke with Gail Russo of Quantum. I gave verbal approval for the RAP received. Installation for SVES/AS system scheduled for January 4-5, 2006.1/4/06: Letter with RAP approval mailed. SVE/AS data sheets are required to be submitted.1/26/06: 1/25/06 meeting with Quantum, NYSDEC, and ET. SVE/AS wells have been installed. Three short term SVE/AS events will be performed.5/19/06:

## MAP FINDINGS

### MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)

Sent Gail Russo an email to followup on overdue update report.6/8/06:  
Received update report dated June 2, 2006. Three extended-period SVE/AS events performed in first third 2006. ORM socks installed in wells MW-2 and MW-4. Wells sampled on 2/24/2006. MAX BTEX 1,662 ppb (Mw4), max MTBE 447ppb (MW-2). Decreasing BTEX trend and slight increase in MTBE. Three additional extended-period SVE/AS events will be performed in the second third 2006, and new ORM socks installed.

7/5/06: Meeting on 6/28/06 with Hess, Quantum, NYSDEC, EnviroTrac and GSC. Short term SVE/AS is effective.8/29/06: Received update report dated 8/21/06. Short term SVE/AS on wells MW4, SVE1, AS1, AS2 on June 16 and June 22 2006. Groundwater sampled on June 29 2006. Max BTEX 16 (MW4), max MTBE 1,420 (MW2). ORM socks installed in MW2 and MW4 following the SVE/AS event on June 16 2006. Large decrease in BTEX in MW4. MW2 still shows significant MTBE contamination. Report states "concentrations in MW2 will continue to be evaluated to determine if these concentrations attenuate naturally or require remedial action".

This site is on a triannual sampling plan. 1/17/07: Meeting on 1/16/07 with Hess, Delta, NYSDEC.1/23/07: Received update report. Wells sampled on 10/7/06. Max BTEX 156 ppb (MW4), max MTBE 523 ppb (MW2). ORC socks in MW 2 and 4. 4/26/07: Received update report. Wells sampled on 2/23/07. Max BTEX 175 ppb (MW4), max MTBE 690 ppb (MW2). ORC socks in use. 8/17/07: Reviewed update report. Wells sampled on 6/11/07. Max BTEX 295 ppb (MW4), max MTBE 110 ppb (MW2). Two extended period portable sve/as events were conducted in June around MW4. ORC socks were installed in MW2 and MW4. Sent email requesting that air flow rate and effluent PID be measured when conducting portable SVE/AS events, and that the total petroleum recovered then be calculated.2/11/08: Reviewed August 2007 - November 2007 Site Status Report. Wells sampled on October 5, 2007. Max BTEX 350 ppb (MW4), max MTBE 100 ppb (MW2), benzene ND in all wells. No further action requested. 5/6/08 - Carlson: Reviewed first triannual 2008 update report dated April 28, 2008. Wells sampled on 2/12/08. Maximum BTEX concentration 96 ppb in MW4. Maximum MTBE concentration 2 ppb (MW2). ORC socks in use in MW2 and MW4. Meeting scheduled for 5/7/08.9/8/08 - Carlson: Reviewed August 2008 Update Report. Wells sampled on June 13, 2008. Low dissolved concentrations. Sent email to Hess/Envirotrac - remove ORC socks from MW-2 and MW-4. 9/15/08 -

## MAP FINDINGS

### MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)

Carlson: Received email notification that ORC socks removed on 9/11/08.10/22/08 - Carlson: Meeting with Hess/Envirotrac. They have recent soil data from SVE/AS well installation. They will submit a petition for closure.1/8/09 - Carlson: Reviewed closure request dated 12/12/08. Three soil borings were completed. Impacted soil present in SB3. Delineation workplan required for soil borings/monitoring wells on Bushwick Avenue. (Wolf Bushwick Avenue site is directly downgradient). Workplan due 2/8/09.1/9/09 - Carlson: Reviewed update report. Low level groundwater impact remains.1/22/09 - Carlson: Approved workplan for the installation of two sidewalk wells.2/27/09 - Carlson: Received email request from Ed Russo to delay quarterly sampling by one month in order to include new wells. Report will be submitted in April as planned. Request approved.3/18/09 - Carlson: Meeting with Hess and Envirotrac. Delineation not possible due to subway. RAP will be submitted in April 2009. Quarterly gauging requested.5/7/09 - Carlson: Reviewed April 2009 update report. RAP overdue. Emailed John Schenkewitz about overdue report.5/11/09 - Carlson: Received email from Ed Russo, RAP will be submitted in August 2009.8/7/09 - Carlson: Reviewed update report. Low dissolved concentrations. Workplan to address residual soil impact will be submitted by end of the month.8/10/09 - Carlson: Received work plan for installation of four on-site wells.8/19/09 - Carlson: Meeting with Hess and Envirotrac. 8/27/09 - Carlson: Issued approval letter for installation of four on-site monitoring wells.11/17/09 - Carlson: Reviewed update report. Low dissolved concentrations. New wells were not installed yet.12/10/09 - Carlson: Reviewed second closure petition. Four additional confirmatory borings were installed.1/27/2010 - Carlson: Meeting with Hess. NYSDEC to review case file internally.5/20/2010 - Carlson: Meeting with Hess. NYSDEC still requires additional borings around SB3.5/28/2010 - Carlson: Reviewed update report. Low dissolved concentrations.8/15/2010 - Carlson: Reviewed July 2010 update report. Low dissolved concentrations. Report states Hess to delineate after receipt of NYCTA permits. Delineation work plan was not submitted.8/31/11 - Obligado - I reviewed the 2Q11 report. BTEX is ND. They are still trying to get permit to do the soil delineation work.11/14/11 - Carlson: Reviewed October 2011 update report. Hess still waiting for permit approval

## MAP FINDINGS

### MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)

from NYCTA for delineation. 4/24/2012 - email from Joe Rennie of EnviroTrac "Please be advised that we are tentatively scheduled to conduct drilling at the above referenced location on Tuesday May 1, 2012 as per the attached NYSDEC approval letter. Please note that this project has been delayed due to New York City Transit Authority permitting requirements as this location is in close proximity to the New York City subway system. As discussed previously with NYSDEC case managers Mark Tibbe and Sarah Carlson, Hess expects that if soil and groundwater sampling data from this drilling is favorable, that closure of NYSDEC spill # 95-02757 will be granted by NYSDEC. If you have any questions, please do not hesitate to contact me at (631) 924-3001." 6/19/2012 - reviewed 1Q2012, 4/30/2012, by EnviroTrac. DTW 9.88' to 22.24' bg. Flows to southwest. 5 wells were sampled. MW-4, 4.4 ug/L BTEX, 8.3 ug/L MTBE. others are ND. Proposes to abandon monitoring wells MW-1, MW-2, MW-3 and MW-5. Next sampling event will be in 5/2012. 6/20/2012 - comments to Hess/EnviroTrac. 1) need to have the newly installed wells data in order to make the call whether or not to abandon the wells; 2) the requirement on the petition for closure: site use history; show all the investigation; show all the remediation; show all the remediation results; and the sensitive receptors information. reply from Edward Russo "thanks for getting back to us. The data from the newly completed soil borings/wells indicated positive results, so we are working on the request for closure now. The request for closure will incorporate your comments/requests below. You can disregard the request to abandon MWs 1, 2, 3, and 5. The closure request will be submitted to you within the next couple of weeks." 7/18/2012 - reviewed the Request for Spill Closure Letter (the Letter) dated June 29, 2012, prepared by EnviroTrac Environmental Services (EnviroTrac) on behalf of Hess Corporation (Hess). The Letter summarizes the Site's history and requests site closure. Denies the spill closure request due to the uninvestigated and unremediated residual contamination at the Site. see the letter for details on the required additional work to be done. Response by 8/20/2012. 10/4/2012 - Reviewed the response letter dated 8/20/2012 from Hess/EnviroTrac. Basically, they responded on DEC comments. The soil contamination is either infeasible to treat and the previous investigation has delineated the extent of the

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

mentioned soil contamination location. Hess/EnviroTrac request for spill closure. 10/15/2012 - presented the case to the Section committee. Spill closure is denied based on: see the memo in eDoc for more details.1) Residual contaminated soil was present in the former remote fills area at depth of 2 feet below ground surface. Confirmatory soil samples are required. As-built drawing and utilities mark out map shall be provided to prove infeasibility to remediate the area. 2) The confirmatory soil boring SB-3 exhibits soil contamination exceeds CP-51 SCOs at depth of 29-30 feet. Additional remediation and confirmatory sampling shall be required. email to Hess/EnviroTrac requiring a work plan to address the above concerns/requirement by November 2012. 5/3/13-Vought-During Regional Spill Engineers meeting in Albany with DEC Hale and DEC Farrar, RSE and Paul John concurrence with email dated 4/24/13 from DEC Hale was confirmed regarding this site. As per email dated 4/24/13 from DEC Hale (with attached Powerpoint presentation) with cc to DEC Farrar, Ottoway and Regional Director and RSE, soil exceedences observed were moderate and further excavation is not warranted and spill closure is warranted due to: clean downgradient monitoring wells for numerous years; age of spill and fact that wells are have shown no increase in groundwater contamination for numerous years and as such there is no likelihood for downward migration of soil contamination through the soil column to the water table; excavation of UST systems and large amount of contaminated soil removed from site; Spills Database as an institutional control to account for possible future changes in site use as none reported to date; and addition of soil contamination notification in Spill Closure Letter. This spill to be closed by Feng or to be closed by Vought after transfer to Vought by Feng.5/6/2013 - As per DEC Jeff Vought's directives, spill is closed.

Remarks:

ODOR OF GASOLINE WHEN TANKS WERE UNCOVERED

**Material:**

Site ID: 158144  
Operable Unit ID: 1013974  
Operable Unit: 01  
Material ID: 367814  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not Reported  
Material FA: Petroleum

MAP FINDINGS
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**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not Reported
Oxygenate:	False

**Tank Test:**

Facility ID:	8807632
Facility Type:	ER
DER Facility ID:	133692
Site ID:	158142
DEC Region:	2
Spill Date:	12/18/1988
Spill Number/Closed Date:	8807632 / 12/18/1988
Spill Cause:	Human Error
Spill Class:	Not Reported
SWIS:	2401
Investigator:	TOMASELLO
Referred To:	Not Reported
Reported to Dept:	12/18/1988
CID:	Not Reported
Water Affected:	Not Reported
Spill Source:	Gasoline Station
Spill Notifier:	Citizen
Cleanup Ceased:	12/18/1988
Cleanup Meets Std:	True
Last Inspection:	Not Reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/19/1989
Spill Record Last Update:	8/24/2004
Spiller Name:	Not Reported
Spiller Company:	DRIVER (PHILIP HALL)
Spiller Address:	Not Reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not Reported
Contact Phone:	Not Reported
DEC Memo:	Not Reported
Remarks:	SPEEDY DRY CREW ON THE WAY.

**Material:**

Site ID:	158142
Operable Unit ID:	923117
Operable Unit:	01
Material ID:	559519
Material Code:	0009

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

Material Name: Gasoline  
 Case No.: Not Reported  
 Material FA: Petroleum  
 Quantity: 100  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not Reported  
 Oxygenate: False

**Tank Test:**

**LTANKS: State and tribal leaking storage tank lists**

Site ID: 158143  
 Spill Number/Closed Date: 9404715 / 11/22/1994  
 Spill Date: 7/6/1994  
 Spill Cause: Tank Test Failure  
 Spill Source: Gasoline Station  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Cleanup Ceased: 11/22/1994  
 Cleanup Meets Standard: True  
 SWIS: 2401  
 Investigator: O'DOWD  
 Referred To: Not Reported  
 Reported to Dept: 7/6/1994  
 CID: Not Reported  
 Water Affected: Not Reported  
 Spill Notifier: Tank Tester  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Involvement: True  
 Remediation Phase: 0  
 Date Entered In Computer: 10/5/1994  
 Spill Record Last Update: 3/29/1995  
 Spiller Name: Not Reported  
 Spiller Company: MERIT SERVICE STATION  
 Spiller Address: 810 METROPOLITAN AVENUE  
 Spiller City,St,Zip: BROOKLYN, NY  
 Spiller County: 001  
 Spiller Contact: Not Reported  
 Spiller Phone: Not Reported  
 Spiller Extention: Not Reported  
 DEC Region: 2  
 DER Facility ID: 133692  
 DEC Memo: Not Reported  
 Remarks: ISOLATE/RETEST

**Material:**

MAP FINDINGS

**MERIT OIL CORP, 810 METROPOLITAN AVE, BROOKLYN, NY 112112515 (Continued)**

Site ID: 158143  
Operable Unit ID: 998987  
Operable Unit: 01  
Material ID: 381316  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not Reported  
Material FA: Petroleum  
Quantity: -1  
Units: Not Reported  
Recovered: No  
Resource Affected: Not Reported  
Oxygenate: False

**Tank Test:**

Site ID: 158143  
Spill Tank Test: 1542924  
Tank Number: Not Reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not Reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

MAP FINDINGS

SOCCI RESIDENCE 177 DEVOE ST, BROOKLYN, NY,		S109828858
▲ C14	SSW <1/10 (275 ft. / 0.052 mi.)	Other Standard Environmental Records
	Equal Elevation 39 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** note a VEC due to nature of material released

**Conditions:**

Not Applicable: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**SPILLS: Other Standard Environmental Records** 

Facility ID: 0905854  
 Facility Type: ER  
 DER Facility ID: 367265  
 Site ID: 418147  
 DEC Region: 2  
 Spill Date: 8/19/2009  
 Spill Number/Closed Date: 0905854 / 8/19/2009  
 Spill Cause: Equipment Failure  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 SWIS: 2401  
 Investigator: smsanges  
 Referred To: Not Reported  
 Reported to Dept: 8/19/2009  
 CID: Not Reported  
 Water Affected: Not Reported  
 Spill Source: Private Dwelling  
 Spill Notifier: Other  
 Cleanup Ceased: Not Reported  
 Cleanup Meets Std: False  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 8/19/2009  
 Spill Record Last Update: 8/19/2009  
 Spiller Name: ROSEANNE SOCCI  
 Spiller Company: ROSEANNE SOCCI  
 Spiller Address: 177 DEVOE ST  
 Spiller City,St,Zip: BROOKLYN, NY  
 Spiller Company: 999  
 Contact Name: LAURA DOVIDO  
 Contact Phone: (718) 628-3321  
 DEC Memo: Gasket on the line filter leaked to the basement floor. Petro had a

MAP FINDINGS

**SOCCI RESIDENCE, 177 DEVOE ST, BROOKLYN, NY (Continued)**

crew in to fix the gasket and clean the floor and sump pit. Petro Manager Mike Passi called Sangesland from the house to confirm that all of the cleanup was complete and no additional problems were visible.

Remarks: LEAKING PART IN THE BASEMENT ABOUT 3 GALLONS SPILLED TO THE SUMP PUMP WHICH THEN ENTERED THE SEWER.

**Material:**

Site ID: 418147  
Operable Unit ID: 1174335  
Operable Unit: 01  
Material ID: 2166667  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not Reported  
Material FA: Petroleum  
Quantity: Not Reported  
Units: Gallons  
Recovered: Not Reported  
Resource Affected: Not Reported  
Oxygenate: False

**Tank Test:**

MAP FINDINGS

NEW GATTI/PARK/LOUIS CLEANERS 334 GRAHAM AVENUE, BROOKLYN, NY, 11211			S110247428
▼ C15	SW <1/10	(278 ft. / 0.053 mi.)	Other Standard Environmental Records
	2 ft. Lower Elevation	37 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** not a VEC due to relative distance from the site

**Conditions:**

Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**DRYCLEANERS: Other Standard Environmental Records** 

Facility ID:	2-6101-00992
Phone Number:	718-388-6776
Region:	Not Reported
Registration Effective Date:	9/5/2002 10:54:27:38
Inspection Date:	07APR18
Install Date:	94
Drop Shop:	Not Reported
Shutdown:	Not Reported
Alternate Solvent:	Not Reported
Current Business:	Not Reported

MAP FINDINGS

334 GRAHAM AVE 334 GRAHAM AVE, BROOKLYN, NY, 11211			1015045329
▼ C16	SW <1/10	(278 ft. / 0.053 mi.)	Historical Dry Cleaners
	2 ft. Lower Elevation	37 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** not a VEC due to distance from Site

**Conditions:**

Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**EDR Historical Cleaners: Historical Dry Cleaners** 

Name:	GATTI LOUIS DRY CLEANERS
Year:	2001
Address:	334 GRAHAM AVE
Name:	GATTI LOUIS DRY CLEANERS
Year:	2003
Address:	334 GRAHAM AVE
Name:	PARK GATTI CLEANER
Year:	2009
Address:	334 GRAHAM AVE
Name:	GATTI CLEANERS
Year:	2010
Address:	334 GRAHAM AVE

MAP FINDINGS

PRIVATE DWELLING 184 DEVOE ST., BROOKLYN, NY,		S111318941
▼ C17	SSW <1/10 (306 ft. / 0.058 mi.)	Other Standard Environmental Records
	1 ft. Lower Elevation 38 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** not a vec due to nature of material released

**Conditions:**

Not Applicable: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**SPILLS: Other Standard Environmental Records** 

Facility ID: 1110118  
 Facility Type: ER  
 DER Facility ID: 412391  
 Site ID: 457918  
 DEC Region: 2  
 Spill Date: 11/14/2011  
 Spill Number/Closed Date: 1110118 / 3/6/2012  
 Spill Cause: Equipment Failure  
 Spill Class: Not Reported  
 SWIS: 2401  
 Investigator: vszhune  
 Referred To: Not Reported  
 Reported to Dept: 11/14/2011  
 CID: Not Reported  
 Water Affected: Not Reported  
 Spill Source: Private Dwelling  
 Spill Notifier: Other  
 Cleanup Ceased: Not Reported  
 Cleanup Meets Std: False  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 11/14/2011  
 Spill Record Last Update: 3/6/2012  
 Spiller Name: Not Reported  
 Spiller Company: HOMEOWNER  
 Spiller Address: Not Reported  
 Spiller City,St,Zip: NY  
 Spiller Company: 999  
 Contact Name: HOMEOWNER- FORTUNATO  
 Contact Phone: 917-554-5116  
 DEC Memo: 11/14/11-Hiralkumar Patel.11:11 AM:- spoke with Ms. Napoli. she mentioned that Milro inspected site before installing a new tank for

MAP FINDINGS

**PRIVATE DWELLING, 184 DEVOE ST., BROOKLYN, NY (Continued)**

Louis Oil. they noticed 8 by 10 ft of stained area under the tank and found a impacted sump nearby. they also noticed odors in building.11:13 AM:- left message for Mr. Fortunato, property owner.11:29 AM:- received call from Penny Overbaugh, property owner. she mentioned that they contacted their oil company last week due to odors in basement and found that tank was leaking. owner has decided to change the tank. currently, tank has some product in it. she mentioned that contractor will replace tank either late today or tomorrow. as only stain found on floor and no product observed by Milro and as tank will be replaced by tomorrow, no need to pump out tank immediately. suggested Ms. Overbaugh to inspect tank bottom for any active leak and to contain it, if any. informed her that the department requires subsurface investigation and remediation, if needed.Pyare FortunatoPenny Overbaugh184 Devoe StreetBrooklyn, NY 11211PH. (917) 554-5116 (917) 941-6124email: overbaughpenny@aol.com12:43 PM:- sent letter to property owner requiring soil delineation and endpoint samples. letter emailed to Ms. Overbaugh.01/11/12-Hiralkumar Patel.1:04 PM:- received email from Ms. Overbaugh. she mentioned that spill has been cleaned and requested a closure.1:12 PM:- sent email to Ms. Overbaugh. informed her that case will only be closed once received a cleanup report. email copied to DEC Zhune.\*\*report due on 12/14/11.\*\*03/6/12- Milro emailed the report dated March 5, 2012.Milro excavated oil contaminated soil from the impacted area. They excavated an area of 6' by 7' and esxtended to 4' depth. On November 30, 2011 five endpoint samples were collected from the excavation. Four samples were collected from the sidewalls at 2-3' below grade, one sample from the bottom of the edxcavation at 4' below grade.The analitical results indicated that two VOCs were detected in samples collected from the bottom and the East wall. They were detected below the acceptable limit. No VOCs were detected in the North, South and West samples. No SVOCs were detected in any of the samples. Spill Closed. Report eDocs.

Remarks:

8X10 FOOT AREA OF SOIL CONTAMINATION

**Material:**

Site ID: 457918  
Operable Unit ID: 1208038  
Operable Unit: 01

MAP FINDINGS

**PRIVATE DWELLING, 184 DEVOE ST., BROOKLYN, NY (Continued)**

Material ID:	2205350
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	Not Reported
Units:	Not Reported
Recovered:	Not Reported
Resource Affected:	Not Reported
Oxygenate:	False

**Tank Test:**

MAP FINDINGS

362 GRAHAM AVE 362 GRAHAM AVE, BROOKLYN, NY, 11211			1015049537
▼ D18	WNW <1/10	(319 ft. / 0.061 mi.)	Historical Dry Cleaners
	5 ft. Lower Elevation	34 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

**Groundwater Flow Gradient:**

Crossgradient: YES

**EDR Historical Cleaners: Historical Dry Cleaners** 

Name:	ECONO WASH LAUNDRY
Year:	1999
Address:	362 GRAHAM AVE
Name:	ECONO WASH LAUNDRY
Year:	2000
Address:	362 GRAHAM AVE
Name:	ECONO WASH LAUNDRY
Year:	2001
Address:	362 GRAHAM AVE
Name:	ECONO WASH LAUNDRY
Year:	2002
Address:	362 GRAHAM AVE
Name:	ECONO WASH LAUNDRY
Year:	2003
Address:	362 GRAHAM AVE
Name:	ECONO WASH LAUNDRY
Year:	2004
Address:	362 GRAHAM AVE
Name:	ECONO WASH LAUNDRY
Year:	2005
Address:	362 GRAHAM AVE
Name:	ECONO WASH LAUNDRY
Year:	2006
Address:	362 GRAHAM AVE
Name:	ECONO WASH LAUNDRY
Year:	2007
Address:	362 GRAHAM AVE
Name:	ECONO WASH LAUNDRY
Year:	2008
Address:	362 GRAHAM AVE
Name:	ECONO WASH LAUNDRY
Year:	2009

MAP FINDINGS

**362 GRAHAM AVE, 362 GRAHAM AVE, BROOKLYN, NY 11211 (Continued)**

Address:

362 GRAHAM AVE

MAP FINDINGS

LONG JIM KITCHEN 329 GRAHAM AVE, BROOKLYN, NY,		S103827610
▼ 19	WSW <1/10 (337 ft. / 0.064 mi.)	Other Standard Environmental Records
	3 ft. Lower Elevation 36 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Conditions:**

Not Applicable: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**SPILLS: Other Standard Environmental Records** 

Facility ID: 9813147  
 Facility Type: ER  
 DER Facility ID: 109472  
 Site ID: 126686  
 DEC Region: 2  
 Spill Date: 1/26/1999  
 Spill Number/Closed Date: 9813147 / 3/3/2003  
 Spill Cause: Deliberate  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 SWIS: 2401  
 Investigator: TOMASELLO  
 Referred To: Not Reported  
 Reported to Dept: 1/26/1999  
 CID: 365  
 Water Affected: Not Reported  
 Spill Source: Commercial/Industrial  
 Spill Notifier: Federal Government  
 Cleanup Ceased: Not Reported  
 Cleanup Meets Std: False  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 1/26/1999  
 Spill Record Last Update: 3/3/2003  
 Spiller Name: Not Reported  
 Spiller Company: LONG JIM KITCHEN  
 Spiller Address: 329 GRAHAM AV  
 Spiller City,St,Zip: BROOKLYN, NY  
 Spiller Company: 001  
 Contact Name: Not Reported  
 Contact Phone: Not Reported  
 DEC Memo: Not Reported  
 Remarks: ANONYMOUS CALLER STATED KITCHEN STAFF IS IN THE BACKYARD MIXING SOME

MAP FINDINGS

**LONG JIM KITCHEN, 329 GRAHAM AVE, BROOKLYN, NY (Continued)**

MATERIAL WITH THE SOIL - COAST GUARD NOT RESPONDING BECAUSE ITS NOT A  
WATER WAY

**Material:**

Site ID:	126686
Operable Unit ID:	1073598
Operable Unit:	01
Material ID:	309881
Material Code:	0064A
Material Name:	UNKNOWN MATERIAL
Case No.:	Not Reported
Material FA:	Other
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not Reported
Oxygenate:	False

**Tank Test:**

MAP FINDINGS

368 GRAHAM AVE 368 GRAHAM AVE, BROOKLYN, NY, 11211			1015050142
▼ D20	WNW <1/10	(349 ft. / 0.066 mi.)	Historical Dry Cleaners
	6 ft. Lower Elevation	33 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** The source is not within the area of concern, based on its distance, gradient and suspected chemical of concern.

**Conditions:**

Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Crossgradient: YES

**EDR Historical Cleaners: Historical Dry Cleaners** 

Name:	GS CLEANING STORE
Year:	2004
Address:	368 GRAHAM AVE
Name:	G S CLEANING STORE
Year:	2005
Address:	368 GRAHAM AVE
Name:	G & S CLEANER
Year:	2006
Address:	368 GRAHAM AVE

MAP FINDINGS

S/S BREAKER LEAKED DURING REMOVAL 324 AINSLIE ST. SUBSTATION, BROOKLYN, NY,			S109062206
▲ 21	SSE 1/10 - 1/3	(556 ft. / 0.105 mi.)	Other Standard Environmental Records
	2 ft. Higher Elevation	41 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** not a VEC due to the nature of material released

**Conditions:**

Not Applicable: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**SPILLS: Other Standard Environmental Records** 

Facility ID: 0801005  
 Facility Type: ER  
 DER Facility ID: 346328  
 Site ID: 396859  
 DEC Region: 2  
 Spill Date: 4/24/2008  
 Spill Number/Closed Date: 0801005 / 5/19/2008  
 Spill Cause: Equipment Failure  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 SWIS: 2401  
 Investigator: gdbreen  
 Referred To: Not Reported  
 Reported to Dept: 4/24/2008  
 CID: 406  
 Water Affected: Not Reported  
 Spill Source: Commercial/Industrial  
 Spill Notifier: Responsible Party  
 Cleanup Ceased: Not Reported  
 Cleanup Meets Std: False  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 4/24/2008  
 Spill Record Last Update: 5/19/2008  
 Spiller Name: ERT DESK  
 Spiller Company: CON EDISON VEH.#60711  
 Spiller Address: 4 IRVING PLACE  
 Spiller City,St,Zip: MANHATTAN, NY 10003  
 Spiller Company: 001  
 Contact Name: ERT DESK' MIKE DAUGHTERY  
 Contact Phone: (212) 580-8383  
 DEC Memo: 05/19/08 - See eDocs for Con Ed report detailing cleanup and

MAP FINDINGS

**S/S BREAKER LEAKED DURING REMOVAL, 324 AINSLIE ST. SUBSTATION, BROOKLYN, NY (Continued)**

closure.211043. see eDocs  
Remarks: 3 ounces of material fell onto the sidewalk from a circuit breaker.  
clean up is in progress. Con Ed #211043.

**Material:**

Site ID: 396859  
Operable Unit ID: 1153826  
Operable Unit: 01  
Material ID: 2144599  
Material Code: 0541A  
Material Name: DIELECTRIC FLUID  
Case No.: Not Reported  
Material FA: Petroleum  
Quantity: Not Reported  
Units: Gallons  
Recovered: No  
Resource Affected: Not Reported  
Oxygenate: False

**Tank Test:**

MAP FINDINGS

70 BUSHWICK AVE 70 BUSHWICK AVE, BROOKLYN, NY, 11211			1015604146
▲ 22	SE 1/10 - 1/3	(859 ft. / 0.163 mi.)	Historical Gas Stations
	4 ft. Higher Elevation	43 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

**Conditions:**

Petroleum Hydrocarbon Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Crossgradient: YES

**EDR Historical Auto Stations: Historical Gas Stations** 

Name:	D & L TIRE SHOP
Year:	2001
Address:	70 BUSHWICK AVE
Name:	D & L TIRE SHOP
Year:	2002
Address:	70 BUSHWICK AVE
Name:	D & L TIRE SHOP
Year:	2005
Address:	70 BUSHWICK AVE

MAP FINDINGS

283 GRAHAM AVE 283 GRAHAM AVE, BROOKLYN, NY, 11211			1015388503
▲ 23	SSW 1/10 - 1/3	(889 ft. / 0.168 mi.)	Historical Gas Stations
	Equal Elevation	39 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** Note a VEC due to distance from the Site

**Conditions:**

Petroleum Hydrocarbon Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**EDR Historical Auto Stations: Historical Gas Stations** 

Name: BRAKE THE RULES INC  
 Year: 2003  
 Address: 283 GRAHAM AVE

Name: BRAKE THE RULES INC  
 Year: 2004  
 Address: 283 GRAHAM AVE

MAP FINDINGS

GRAND CLEANERS 765 GRAND ST, BROOKLYN, NY, 11211		1004760137
▲ L24	S 1/10 - 1/3 (1063 ft. / 0.201 mi.)	Federal RCRA generators list Other Standard Environmental Records
	3 ft. Higher Elevation 42 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** not a VEC due to distance from the site

**Conditions:**

Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**AIRS (AFS): Other Standard Environmental Records** 

**Airs Minor Details:**

EPA plant ID: 110015655334  
 Plant name: PAULINO'S CLEANERS  
 Plant address: 765 GRAND ST  
 BROOKLYN, NY 112114950

County: KINGS  
 Region code: 02  
 Dunn & Bradst #: Not Reported  
 Air quality cntrl region: 043  
 Sic code: 7216  
 Sic code desc: DRYCLEANING PLANTS, EXCEPT RUG  
 North Am. industrial classf: 812320  
 NAIC code description: Drycleaning and Laundry Services (except Coin-Operated)  
 Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
 Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT  
 Current HPV: Not Reported

**Compliance and Enforcement Major Issues:**

Air program: SIP SOURCE  
 National action type: Not Reported  
 Date achieved: 00900  
 Penalty amount: Not Reported

Air program: SIP SOURCE  
 National action type: Not Reported  
 Date achieved: 00900  
 Penalty amount: Not Reported

Air program: Not Reported  
 National action type: Not Reported  
 Date achieved: Not Reported

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Penalty amount:	Not Reported
Air program:	Not Reported
National action type:	Not Reported
Date achieved:	Not Reported
Penalty amount:	Not Reported
Air program:	Not Reported
National action type:	Not Reported
Date achieved:	Not Reported
Penalty amount:	Not Reported
Air program:	Not Reported
National action type:	Not Reported
Date achieved:	Not Reported
Penalty amount:	Not Reported
Air program:	Not Reported
National action type:	Not Reported
Date achieved:	Not Reported
Penalty amount:	Not Reported

**Historical Compliance Minor Sources:**

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	MACT (SECTION 63 NESHAPS)

**Compliance & Violation Data by Minor Sources:**

Air program code:	SIP SOURCE
Plant air program pollutant:	Not Reported
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date:	Not Reported
Turnover compliance:	Not Reported
Air program code:	MACT (SECTION 63 NESHAPS)
Plant air program pollutant:	Not Reported
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date:	Not Reported
Turnover compliance:	Not Reported
Air program code:	MACT (SECTION 63 NESHAPS)
Plant air program pollutant:	Not Reported
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date:	Not Reported
Turnover compliance:	Not Reported
Air program code:	MACT (SECTION 63 NESHAPS)
Plant air program pollutant:	Not Reported
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	UNCLASSIFIED
Repeat violator date:	Not Reported
Turnover compliance:	Not Reported

**AIRS MINOR:**

**Airs Minor Details:**

EPA plant ID:	110015655334
Plant name:	PAULINO'S CLEANERS
Plant address:	765 GRAND ST

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

BROOKLYN, NY 112114950

County: KINGS  
 Region code: 02  
 Dunn & Bradst #: Not Reported  
 Air quality cntrl region: 043  
 Sic code: 7216  
 Sic code desc: DRYCLEANING PLANTS, EXCEPT RUG  
 North Am. industrial classf: 812320  
 NAIC code description: Drycleaning and Laundry Services (except Coin-Operated)  
 Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
 Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT  
 Current HPV: Not Reported

**Compliance and Enforcement Major Issues:**

Air program: SIP SOURCE  
 National action type: Not Reported  
 Date achieved: 00900  
 Penalty amount: Not Reported

Air program: SIP SOURCE  
 National action type: Not Reported  
 Date achieved: 00900  
 Penalty amount: Not Reported

Air program: Not Reported  
 National action type: Not Reported  
 Date achieved: Not Reported  
 Penalty amount: Not Reported

Air program: Not Reported  
 National action type: Not Reported  
 Date achieved: Not Reported  
 Penalty amount: Not Reported

Air program: Not Reported  
 National action type: Not Reported  
 Date achieved: Not Reported  
 Penalty amount: Not Reported

Air program: Not Reported  
 National action type: Not Reported  
 Date achieved: Not Reported  
 Penalty amount: Not Reported

Air program: Not Reported  
 National action type: Not Reported  
 Date achieved: Not Reported  
 Penalty amount: Not Reported

Air program: Not Reported

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

National action type: Not Reported  
 Date achieved: Not Reported  
 Penalty amount: Not Reported

**Historical Compliance Minor Sources:**

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Hist compliance date: 1101  
 Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Hist compliance date: 1102  
 Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Hist compliance date: 1103  
 Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Hist compliance date: 1104  
 Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Hist compliance date: 1201  
 Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Hist compliance date: 1203  
 Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Hist compliance date: 1204  
 Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Hist compliance date: 1301  
 Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Hist compliance date: 1302  
 Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Hist compliance date: 1004  
 Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Hist compliance date: 1004  
 Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Hist compliance date: 1101  
 Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
 Hist compliance date: 1102

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	MACT (SECTION 63 NESHAPS)

**Compliance & Violation Data by Minor Sources:**

Air program code:	SIP SOURCE
Plant air program pollutant:	Not Reported
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date:	Not Reported
Turnover compliance:	Not Reported

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Air program code:	MACT (SECTION 63 NESHAPS)
Plant air program pollutant:	Not Reported
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date:	Not Reported
Turnover compliance:	Not Reported
Air program code:	MACT (SECTION 63 NESHAPS)
Plant air program pollutant:	Not Reported
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date:	Not Reported
Turnover compliance:	Not Reported
Air program code:	MACT (SECTION 63 NESHAPS)
Plant air program pollutant:	Not Reported
Default pollutant classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt:	UNCLASSIFIED
Repeat violator date:	Not Reported
Turnover compliance:	Not Reported

**FINDS: Other Standard Environmental Records** 

Registry ID: 110004530954

**Environmental Interest/Information System:**

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

**RCRA-SQG: Federal RCRA generators list** 

Date form received by agency:	01/01/2007
Facility name:	GRAND CLEANERS
Facility address:	765 GRAND ST BROOKLYN, NY 11211
EPA ID:	NYR000033357
Mailing address:	GRAND ST BROOKLYN, NY 11211

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Contact: LUIS ALCANTARA  
 Contact address: GRAND ST  
 BROOKLYN, NY 11211

Contact country: US  
 Contact telephone: (718) 599-3758  
 Contact email: Not Reported  
 EPA Region: 02  
 Classification: Small Small Quantity Generator  
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

Owner/operator name: LUIS E ALCANTARA  
 Owner/operator address: NOT REQUIRED  
 QUEENS, NY 11377

Owner/operator country: US  
 Owner/operator telephone: (718) 565-7195  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: Not Reported  
 Owner/Op end date: Not Reported

Owner/operator name: LUIS E ALCANTARA  
 Owner/operator address: NOT REQUIRED  
 QUEENS, NY 11377

Owner/operator country: US  
 Owner/operator telephone: (718) 565-7195  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: Not Reported  
 Owner/Op end date: Not Reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Used oil transporter: No

**Historical Generators:**

Date form received by agency: 01/01/2006  
 Site name: GRAND CLEANERS  
 Classification: Conditionally Exempt Small Quantity Generator  
 Date form received by agency: 12/19/1996  
 Site name: GRAND CLEANERS  
 Classification: Conditionally Exempt Small Quantity Generator  
 Violation Status: No violations found

**NY MANIFEST: Other Standard Environmental Records** 

EPA ID: NYR000033357  
 Country: USA

**Mailing Info:**

Name: GRAND CLEANER  
 Contact: LUIS ALCANTARA  
 Address: 765 GRAND ST  
 City/State/Zip: KINGS, NY 11211  
 Country: USA  
 Phone: 718-599-3758

Document ID: 06  
 Manifest Status: NYC7747672  
 Trans1 State ID: NYR000033357  
 Trans2 State ID: Not Reported  
 Generator Ship Date: OHD980587364  
 Trans1 Recv Date: Not Reported  
 Trans2 Recv Date: TXR000050930  
 TSD Site Recv Date: Not Reported  
 Part A Recv Date: NJD471629976  
 Part B Recv Date: 2006-01-31  
 Generator EPA ID: N  
 Trans1 EPA ID: N  
 Trans2 EPA ID: N  
 TSDF ID: N  
 Waste Code: N  
 Quantity: Not Reported  
 Units: 2  
 Number of Containers: DF  
 Container Type: 390  
 Handling Method: P  
 Specific Gravity: 1  
 Waste Code: B  
 Quantity: Not Reported  
 Units: Not Reported  
 Number of Containers: Not Reported

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Container Type: Not Reported  
 Handling Method: Not Reported  
 Specific Gravity: Not Reported  
 Year: Not Reported

Document ID: 06  
 Manifest Status: NYC7747986  
 Trans1 State ID: NYR000033357  
 Trans2 State ID: Not Reported  
 Generator Ship Date: OHD980587364  
 Trans1 Recv Date: Not Reported  
 Trans2 Recv Date: TXR000050930  
 TSD Site Recv Date: Not Reported  
 Part A Recv Date: NJD986607380  
 Part B Recv Date: 2006-02-20  
 Generator EPA ID: N  
 Trans1 EPA ID: N  
 Trans2 EPA ID: N  
 TSD ID: N  
 Waste Code: N  
 Quantity: Not Reported  
 Units: 1  
 Number of Containers: DF  
 Container Type: 133  
 Handling Method: P  
 Specific Gravity: 1  
 Waste Code: B  
 Quantity: Not Reported  
 Units: Not Reported  
 Number of Containers: Not Reported  
 Container Type: Not Reported  
 Handling Method: Not Reported  
 Specific Gravity: Not Reported  
 Year: Not Reported

Document ID: 06  
 Manifest Status: NYC7747986  
 Trans1 State ID: NYR000033357  
 Trans2 State ID: Not Reported  
 Generator Ship Date: OHD980587364  
 Trans1 Recv Date: Not Reported  
 Trans2 Recv Date: TXR000050930  
 TSD Site Recv Date: Not Reported  
 Part A Recv Date: NJD986607380  
 Part B Recv Date: 2006-02-20  
 Generator EPA ID: N  
 Trans1 EPA ID: N  
 Trans2 EPA ID: N  
 TSD ID: N  
 Waste Code: N

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Quantity: Not Reported  
 Units: 1  
 Number of Containers: DF  
 Container Type: 60  
 Handling Method: P  
 Specific Gravity: 1  
 Waste Code: B  
 Quantity: Not Reported  
 Units: Not Reported  
 Number of Containers: Not Reported  
 Container Type: Not Reported  
 Handling Method: Not Reported  
 Specific Gravity: Not Reported  
 Year: Not Reported

Document ID: 06  
 Manifest Status: NYC7862826  
 Trans1 State ID: NYR000033357  
 Trans2 State ID: Not Reported  
 Generator Ship Date: OHD980587364  
 Trans1 Recv Date: Not Reported  
 Trans2 Recv Date: TXR000050930  
 TSD Site Recv Date: Not Reported  
 Part A Recv Date: Not Reported  
 Part B Recv Date: Not Reported  
 Generator EPA ID: N  
 Trans1 EPA ID: N  
 Trans2 EPA ID: N  
 TSD ID: N  
 Waste Code: N  
 Quantity: Not Reported  
 Units: 1  
 Number of Containers: DF  
 Container Type: 133  
 Handling Method: P  
 Specific Gravity: 1  
 Waste Code: B  
 Quantity: Not Reported  
 Units: Not Reported  
 Number of Containers: Not Reported  
 Container Type: Not Reported  
 Handling Method: Not Reported  
 Specific Gravity: Not Reported  
 Year: Not Reported

Document ID: 06  
 Manifest Status: NYC7862826  
 Trans1 State ID: NYR000033357  
 Trans2 State ID: Not Reported  
 Generator Ship Date: OHD980587364

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Trans1 Recv Date:	Not Reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not Reported
Part A Recv Date:	Not Reported
Part B Recv Date:	Not Reported
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSD ID:	N
Waste Code:	N
Quantity:	Not Reported
Units:	1
Number of Containers:	DF
Container Type:	195
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not Reported
Units:	Not Reported
Number of Containers:	Not Reported
Container Type:	Not Reported
Handling Method:	Not Reported
Specific Gravity:	Not Reported
Year:	Not Reported
Document ID:	06
Manifest Status:	NYC7862826
Trans1 State ID:	NYR000033357
Trans2 State ID:	Not Reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not Reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not Reported
Part A Recv Date:	Not Reported
Part B Recv Date:	Not Reported
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSD ID:	N
Waste Code:	N
Quantity:	Not Reported
Units:	1
Number of Containers:	DF
Container Type:	60
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not Reported
Units:	Not Reported
Number of Containers:	Not Reported

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Container Type: Not Reported  
 Handling Method: Not Reported  
 Specific Gravity: Not Reported  
 Year: Not Reported

Document ID: 07  
 Manifest Status: 000021213SKS  
 Trans1 State ID: NYR000033357  
 Trans2 State ID: Not Reported  
 Generator Ship Date: OHD980587364  
 Trans1 Recv Date: Not Reported  
 Trans2 Recv Date: TXR000050930  
 TSD Site Recv Date: Not Reported  
 Part A Recv Date: NJD071629976  
 Part B Recv Date: 2007-03-16  
 Generator EPA ID: N  
 Trans1 EPA ID: N  
 Trans2 EPA ID: N  
 TSD ID: N  
 Waste Code: N  
 Quantity: Not Reported  
 Units: 1  
 Number of Containers: DF  
 Container Type: 60  
 Handling Method: P  
 Specific Gravity: 1  
 Waste Code: R  
 Quantity: D040  
 Units: Not Reported  
 Number of Containers: Not Reported  
 Container Type: Not Reported  
 Handling Method: Not Reported  
 Specific Gravity: Not Reported  
 Year: Not Reported

Document ID: 07  
 Manifest Status: 000021213SKS  
 Trans1 State ID: NYR000033357  
 Trans2 State ID: Not Reported  
 Generator Ship Date: OHD980587364  
 Trans1 Recv Date: Not Reported  
 Trans2 Recv Date: TXR000050930  
 TSD Site Recv Date: Not Reported  
 Part A Recv Date: NJD071629976  
 Part B Recv Date: 2007-03-16  
 Generator EPA ID: N  
 Trans1 EPA ID: N  
 Trans2 EPA ID: N  
 TSD ID: N  
 Waste Code: N

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Quantity: Not Reported  
 Units: 1  
 Number of Containers: DF  
 Container Type: 133  
 Handling Method: P  
 Specific Gravity: 1  
 Waste Code: R  
 Quantity: Not Reported  
 Units: Not Reported  
 Number of Containers: Not Reported  
 Container Type: Not Reported  
 Handling Method: Not Reported  
 Specific Gravity: Not Reported  
 Year: Not Reported

Document ID: 07  
 Manifest Status: 000021213SKS  
 Trans1 State ID: NYR000033357  
 Trans2 State ID: Not Reported  
 Generator Ship Date: OHD980587364  
 Trans1 Recv Date: Not Reported  
 Trans2 Recv Date: TXR000050930  
 TSD Site Recv Date: Not Reported  
 Part A Recv Date: NJD071629976  
 Part B Recv Date: 2007-03-16  
 Generator EPA ID: N  
 Trans1 EPA ID: N  
 Trans2 EPA ID: N  
 TSD ID: N  
 Waste Code: N  
 Quantity: Not Reported  
 Units: 1  
 Number of Containers: DF  
 Container Type: 193  
 Handling Method: P  
 Specific Gravity: 1  
 Waste Code: R  
 Quantity: D040  
 Units: Not Reported  
 Number of Containers: Not Reported  
 Container Type: Not Reported  
 Handling Method: Not Reported  
 Specific Gravity: Not Reported  
 Year: Not Reported

Document ID: Not Reported  
 Manifest Status: Not Reported  
 Trans1 State ID: TXR000050930  
 Trans2 State ID: NJD071629976  
 Generator Ship Date: 3/9/2007

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Trans1 Recv Date:	3/9/2007
Trans2 Recv Date:	3/16/2007
TSD Site Recv Date:	3/19/2007
Part A Recv Date:	Not Reported
Part B Recv Date:	Not Reported
Generator EPA ID:	NYR000033357
Trans1 EPA ID:	Not Reported
Trans2 EPA ID:	Not Reported
TSD ID:	OHD980587364
Waste Code:	Not Reported
Quantity:	193
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	000021213SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not Reported
Alt Fac RCRA Id:	Not Reported
Alt Fac Sign Date:	Not Reported
Mgmt Method Type Code:	H020
Document ID:	Not Reported
Manifest Status:	Not Reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	3/9/2007
Trans1 Recv Date:	3/9/2007
Trans2 Recv Date:	3/16/2007
TSD Site Recv Date:	3/19/2007
Part A Recv Date:	Not Reported
Part B Recv Date:	Not Reported
Generator EPA ID:	NYR000033357
Trans1 EPA ID:	Not Reported
Trans2 EPA ID:	Not Reported
TSD ID:	OHD980587364
Waste Code:	Not Reported
Quantity:	60
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	000021213SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not Reported
Alt Fac RCRA Id:	Not Reported
Alt Fac Sign Date:	Not Reported
Mgmt Method Type Code:	H141
Document ID:	Not Reported
Manifest Status:	Not Reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	3/9/2007
Trans1 Recv Date:	3/9/2007
Trans2 Recv Date:	3/16/2007
TSD Site Recv Date:	3/19/2007
Part A Recv Date:	Not Reported
Part B Recv Date:	Not Reported
Generator EPA ID:	NYR000033357
Trans1 EPA ID:	Not Reported
Trans2 EPA ID:	Not Reported
TSD ID:	OHD980587364
Waste Code:	Not Reported
Quantity:	133
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	000021213SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not Reported
Alt Fac RCRA Id:	Not Reported
Alt Fac Sign Date:	Not Reported
Mgmt Method Type Code:	H020

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Document ID: Not Reported  
 Manifest Status: Not Reported  
 Trans1 State ID: TXR000050930  
 Trans2 State ID: OKD981588791  
 Generator Ship Date: 10/11/2007  
 Trans1 Recv Date: 10/11/2007  
 Trans2 Recv Date: 10/19/2007  
 TSD Site Recv Date: 10/22/2007  
 Part A Recv Date: Not Reported  
 Part B Recv Date: Not Reported  
 Generator EPA ID: NYR000033357  
 Trans1 EPA ID: Not Reported  
 Trans2 EPA ID: Not Reported  
 TSD ID: OHD980587364  
 Waste Code: Not Reported  
 Quantity: 133  
 Units: P - Pounds  
 Number of Containers: 1  
 Container Type: DF - Fiberboard or plastic drums (glass)  
 Handling Method: R Material recovery of more than 75 percent of the total material.  
 Specific Gravity: 1  
 Year: 2007  
 Manifest Tracking Num: 000074197SKS  
 Import Ind: N  
 Export Ind: N  
 Discr Quantity Ind: N  
 Discr Type Ind: N  
 Discr Residue Ind: N  
 Discr Partial Reject Ind: N  
 Discr Full Reject Ind: N  
 Manifest Ref Num: Not Reported  
 Alt Fac RCRA Id: Not Reported  
 Alt Fac Sign Date: Not Reported  
 Mgmt Method Type Code: H020

Document ID: Not Reported  
 Manifest Status: Not Reported  
 Trans1 State ID: TXR000050930  
 Trans2 State ID: OKD981588791  
 Generator Ship Date: 10/11/2007  
 Trans1 Recv Date: 10/11/2007  
 Trans2 Recv Date: 10/19/2007  
 TSD Site Recv Date: 10/22/2007  
 Part A Recv Date: Not Reported  
 Part B Recv Date: Not Reported  
 Generator EPA ID: NYR000033357  
 Trans1 EPA ID: Not Reported  
 Trans2 EPA ID: Not Reported  
 TSD ID: OHD980587364  
 Waste Code: Not Reported

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Quantity: 60  
 Units: P - Pounds  
 Number of Containers: 1  
 Container Type: DF - Fiberboard or plastic drums (glass)  
 Handling Method: R Material recovery of more than 75 percent of the total material.  
 Specific Gravity: 1  
 Year: 2007  
 Manifest Tracking Num: 000074197SKS  
 Import Ind: N  
 Export Ind: N  
 Discr Quantity Ind: N  
 Discr Type Ind: N  
 Discr Residue Ind: N  
 Discr Partial Reject Ind: N  
 Discr Full Reject Ind: N  
 Manifest Ref Num: Not Reported  
 Alt Fac RCRA Id: Not Reported  
 Alt Fac Sign Date: Not Reported  
 Mgmt Method Type Code: H020

Document ID: Not Reported  
 Manifest Status: Not Reported  
 Trans1 State ID: TXR000050930  
 Trans2 State ID: OKD981588791  
 Generator Ship Date: 10/11/2007  
 Trans1 Recv Date: 10/11/2007  
 Trans2 Recv Date: 10/19/2007  
 TSD Site Recv Date: 10/22/2007  
 Part A Recv Date: Not Reported  
 Part B Recv Date: Not Reported  
 Generator EPA ID: NYR000033357  
 Trans1 EPA ID: Not Reported  
 Trans2 EPA ID: Not Reported  
 TSD ID: OHD980587364  
 Waste Code: Not Reported  
 Quantity: 195  
 Units: P - Pounds  
 Number of Containers: 1  
 Container Type: DF - Fiberboard or plastic drums (glass)  
 Handling Method: R Material recovery of more than 75 percent of the total material.  
 Specific Gravity: 1  
 Year: 2007  
 Manifest Tracking Num: 000074197SKS  
 Import Ind: N  
 Export Ind: N  
 Discr Quantity Ind: N  
 Discr Type Ind: N  
 Discr Residue Ind: N  
 Discr Partial Reject Ind: N  
 Discr Full Reject Ind: N

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Manifest Ref Num:	Not Reported
Alt Fac RCRA Id:	Not Reported
Alt Fac Sign Date:	Not Reported
Mgmt Method Type Code:	H020
Document ID:	Not Reported
Manifest Status:	Not Reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	OKD981588791
Generator Ship Date:	12/31/2007
Trans1 Recv Date:	12/31/2007
Trans2 Recv Date:	1/8/2008
TSD Site Recv Date:	1/10/2008
Part A Recv Date:	Not Reported
Part B Recv Date:	Not Reported
Generator EPA ID:	NYR000033357
Trans1 EPA ID:	Not Reported
Trans2 EPA ID:	Not Reported
TSD ID:	OHD980587364
Waste Code:	Not Reported
Quantity:	195
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	000956173SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not Reported
Alt Fac RCRA Id:	Not Reported
Alt Fac Sign Date:	Not Reported
Mgmt Method Type Code:	H020
Document ID:	Not Reported
Manifest Status:	Not Reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NYD980769947
Generator Ship Date:	2009-01-08
Trans1 Recv Date:	2009-01-08
Trans2 Recv Date:	2009-01-20
TSD Site Recv Date:	2009-01-21
Part A Recv Date:	Not Reported
Part B Recv Date:	Not Reported

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Generator EPA ID:	NYR000033357
Trans1 EPA ID:	Not Reported
Trans2 EPA ID:	Not Reported
TSD ID:	OHD980587364
Waste Code:	Not Reported
Quantity:	133.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001030536SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not Reported
Alt Fac RCRA Id:	Not Reported
Alt Fac Sign Date:	Not Reported
Mgmt Method Type Code:	H020
Document ID:	Not Reported
Manifest Status:	Not Reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NYD980769947
Generator Ship Date:	2009-01-08
Trans1 Recv Date:	2009-01-08
Trans2 Recv Date:	2009-01-20
TSD Site Recv Date:	2009-01-21
Part A Recv Date:	Not Reported
Part B Recv Date:	Not Reported
Generator EPA ID:	NYR000033357
Trans1 EPA ID:	Not Reported
Trans2 EPA ID:	Not Reported
TSD ID:	OHD980587364
Waste Code:	Not Reported
Quantity:	195.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001030536SKS
Import Ind:	N
Export Ind:	N

MAP FINDINGS
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**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not Reported
Alt Fac RCRA Id:	Not Reported
Alt Fac Sign Date:	Not Reported
Mgmt Method Type Code:	H020
Document ID:	Not Reported
Manifest Status:	Not Reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NYD980769947
Generator Ship Date:	2009-01-08
Trans1 Recv Date:	2009-01-08
Trans2 Recv Date:	2009-01-20
TSD Site Recv Date:	2009-01-21
Part A Recv Date:	Not Reported
Part B Recv Date:	Not Reported
Generator EPA ID:	NYR000033357
Trans1 EPA ID:	Not Reported
Trans2 EPA ID:	Not Reported
TSD ID:	OHD980587364
Waste Code:	Not Reported
Quantity:	100.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001030536SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not Reported
Alt Fac RCRA Id:	Not Reported
Alt Fac Sign Date:	Not Reported
Mgmt Method Type Code:	H020
Document ID:	NYC5375518
Manifest Status:	Not Reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	SCD987574647
Generator Ship Date:	09/08/1998

MAP FINDINGS

**GRAND CLEANERS, 765 GRAND ST, BROOKLYN, NY 11211 (Continued)**

Trans1 Recv Date: 09/08/1998  
Trans2 Recv Date: 09/10/1998  
TSD Site Recv Date: 09/16/1998  
Part A Recv Date: Not Reported  
Part B Recv Date: Not Reported  
Generator EPA ID: NYR000033357  
Trans1 EPA ID: OHD980587364  
Trans2 EPA ID: Not Reported  
TSD ID: NYAM6252  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 98

The NY\_MANIFEST database contains 47 additional records for this site. Please contact your EDR Account Executive for more information.

**DRYCLEANERS: Other Standard Environmental Records** 

Facility ID: 2-6101-01147  
Phone Number: 718-599-3758  
Region: Not Reported  
Registration Effective Date: 10/2/2003  
Inspection Date: 07MAY21  
Install Date: 98  
Drop Shop: Not Reported  
Shutdown: Not Reported  
Alternate Solvent: Not Reported  
Current Business: Not Reported

MAP FINDINGS

765 GRAND ST 765 GRAND ST, BROOKLYN, NY, 11211			1015094494
▲ L25	S 1/10 - 1/3	(1063 ft. / 0.201 mi.)	Historical Dry Cleaners
	3 ft. Higher Elevation	42 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** not a VEC due to distance from the site

**Conditions:**

Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**EDR Historical Cleaners: Historical Dry Cleaners** 

Name:	GRAND DRY CLEANERS
Year:	2005
Address:	765 GRAND ST
Name:	GRAND DRY CLEANERS
Year:	2006
Address:	765 GRAND ST
Name:	GRAND DRY CLEANERS
Year:	2007
Address:	765 GRAND ST
Name:	GRAND DRY CLEANERS
Year:	2008
Address:	765 GRAND ST
Name:	GRAND DRY CLEANERS
Year:	2010
Address:	765 GRAND ST
Name:	PAULINO CLEANING INC
Year:	2011
Address:	765 GRAND ST
Name:	PAULINO CLEANING INC
Year:	2012
Address:	765 GRAND ST

MAP FINDINGS

770 GRAND ST 770 GRAND ST, BROOKLYN, NY, 11211		1015094723
▲ L26	S 1/10 - 1/3 (1072 ft. / 0.203 mi.)	Historical Dry Cleaners
	4 ft. Higher Elevation 43 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** not a VEC due to distance from the site

**Conditions:**

Petroleum Hydrocarbon Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**EDR Historical Cleaners: Historical Dry Cleaners** 

Name:	770 GRAND LAUNDRY INC
Year:	2002
Address:	770 GRAND ST
Name:	BENSON LAUNDROMAT INC
Year:	2007
Address:	770 GRAND ST
Name:	BENSON LAUNDROMAT INC
Year:	2008
Address:	770 GRAND ST
Name:	BENSON LAUNDROMAT INC
Year:	2009
Address:	770 GRAND ST
Name:	BENSON LAUNDROMAT INC
Year:	2010
Address:	770 GRAND ST
Name:	ERIC & NANA LAUNDROMAT
Year:	2010
Address:	770 GRAND ST
Name:	BENSON LAUNDROMAT INC
Year:	2011
Address:	770 GRAND ST
Name:	BENSON LAUNDROMAT INC
Year:	2012
Address:	770 GRAND ST

MAP FINDINGS

RHEE & NURY'S/Y&Y CLEANERS 802 GRAND STREET, BROOKLYN, NY, 11211		S110247774
▲ M27	SSE 1/10 - 1/3 (1113 ft. / 0.211 mi.)	Other Standard Environmental Records
	7 ft. Higher Elevation 46 ft. Above Sea Level	

**Worksheet:**

**Comments:** not a VEC due to distance from the site

**Conditions:**

Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**DRYCLEANERS: Other Standard Environmental Records** 

Facility ID:	2-6101-00356
Phone Number:	718-387-6033
Region:	Not Reported
Registration Effective Date:	10/5/2001 14:56:57:076
Inspection Date:	04JUN3
Install Date:	91
Drop Shop:	Not Reported
Shutdown:	Y
Alternate Solvent:	Not Reported
Current Business:	Not Reported

MAP FINDINGS

802 GRAND ST 802 GRAND ST, BROOKLYN, NY, 11211		1015097137
▲ M28	SSE 1/10 - 1/3 (1113 ft. / 0.211 mi.)	Historical Dry Cleaners
	7 ft. Higher Elevation 46 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** not a VEC due to distance from the site

**Conditions:**

Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**EDR Historical Cleaners: Historical Dry Cleaners** 

Name: Y & Y CLEANERS  
 Year: 2001  
 Address: 802 GRAND ST

Name: Y & Y CLEANERS  
 Year: 2002  
 Address: 802 GRAND ST

MAP FINDINGS

100 BUSHWICK AVE 100 BUSHWICK AVE, BROOKLYN, NY, 11206			1015117706
▲ M29	SSE 1/10 - 1/3	(1187 ft. / 0.225 mi.)	Historical Gas Stations
	8 ft. Higher Elevation	47 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** not a VEC due to distance from the site

**Conditions:**

Petroleum Hydrocarbon Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**EDR Historical Auto Stations: Historical Gas Stations** 

Name: NEW EASTERN CAR & LIMO SERVICE  
 Year: 2000  
 Address: 100 BUSHWICK AVE

MAP FINDINGS

SAM'S SAME DAY DRYCLEANERS 171 AINSLIE(256 LEONARD) STREET, BROOKLYN, NY, 11211			S110247859
▼ 30	WSW 1/10 - 1/3	(1299 ft. / 0.246 mi.)	Other Standard Environmental Records
	7 ft. Lower Elevation	32 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** not a VEC due to distance from the site

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**DRYCLEANERS: Other Standard Environmental Records** 

Facility ID:	2-6101-00796
Phone Number:	718-387-4461
Region:	Not Reported
Registration Effective Date:	N/A
Inspection Date:	11/18/03
Install Date:	Not Reported
Drop Shop:	Y
Shutdown:	Not Reported
Alternate Solvent:	Not Reported
Current Business:	Not Reported

MAP FINDINGS

253 GRAHAM AVE 253 GRAHAM AVE, BROOKLYN, NY, 11206		1015366536
▼ O31	S 1/10 - 1/3 (1314 ft. / 0.249 mi.)	Historical Gas Stations
	1 ft. Lower Elevation 38 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** not a VEC due to distance from the site

**Conditions:**

Petroleum Hydrocarbon Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**EDR Historical Auto Stations: Historical Gas Stations** 

Name:	NEWTOPACIO CAR SERVICE INC
Year:	2002
Address:	253 GRAHAM AVE
Name:	NEWTOPACIO CAR SERVICE INC
Year:	2003
Address:	253 GRAHAM AVE
Name:	TOWNCAR TRANSPORTATION
Year:	2011
Address:	253 GRAHAM AVE
Name:	TOWNCAR TRANSPORTATION
Year:	2012
Address:	253 GRAHAM AVE

MAP FINDINGS

151 MAUJER ST 151 MAUJER STREET, BROOKLYN, NY,			S101508983
▼ O32	SSW 1/10 - 1/3	(1433 ft. / 0.271 mi.)	State and tribal leaking storage tank lists
	1 ft. Lower Elevation	38 ft. Above Sea Level	

**Worksheet:**

**Comments:** not a VEC due to distance from the site and nature of material released

**Conditions:**

Not Applicable: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**LTANKS: State and tribal leaking storage tank lists** 

Site ID: 233375  
 Spill Number/Closed Date: 9414176 / 2/28/2003  
 Spill Date: 1/25/1995  
 Spill Cause: Tank Test Failure  
 Spill Source: Commercial/Industrial  
 Spill Class: No spill occurred. No DEC Response. No corrective action required.  
 Cleanup Ceased: Not Reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: TOMASELLO  
 Referred To: Not Reported  
 Reported to Dept: 1/25/1995  
 CID: Not Reported  
 Water Affected: Not Reported  
 Spill Notifier: Tank Tester  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 2/16/1995  
 Spill Record Last Update: 2/28/2003  
 Spiller Name: Not Reported  
 Spiller Company: UNKNOWN  
 Spiller Address: Not Reported  
 Spiller City,St,Zip: NY  
 Spiller County: 999  
 Spiller Contact: Not Reported  
 Spiller Phone: Not Reported  
 Spiller Extention: Not Reported  
 DEC Region: 2  
 DER Facility ID: 192302  
 DEC Memo: Not Reported  
 Remarks: Not Reported

**Material:**

MAP FINDINGS

**151 MAUJER ST, 151 MAUJER STREET, BROOKLYN, NY (Continued)**

Site ID: 233375  
Operable Unit ID: 1007757  
Operable Unit: 01  
Material ID: 372923  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not Reported  
Material FA: Petroleum  
Quantity: -1  
Units: Gallons  
Recovered: No  
Resource Affected: Not Reported  
Oxygenate: False

**Tank Test:**

Site ID: 233375  
Spill Tank Test: 1543568  
Tank Number: Not Reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not Reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

MAP FINDINGS

WILLIAMSBURG 144 MAUJER ST & GRAHAM ST, NEW YORK CITY, NY,			S102671371
▼ O33	SSW 1/10 - 1/3	(1469 ft. / 0.278 mi.)	State and tribal leaking storage tank lists
	1 ft. Lower Elevation	38 ft. Above Sea Level	

**Worksheet:**

**Comments:** not a VEC due to distance from the site

**Conditions:**

Not Applicable: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**LTANKS: State and tribal leaking storage tank lists** 

Site ID: 304525  
 Spill Number/Closed Date: 8809821 / 12/4/1992  
 Spill Date: 3/21/1989  
 Spill Cause: Tank Overfill  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Class: Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)  
 Cleanup Ceased: 12/4/1992  
 Cleanup Meets Standard: True  
 SWIS: 2401  
 Investigator: HEALY  
 Referred To: Not Reported  
 Reported to Dept: 3/21/1989  
 CID: Not Reported  
 Water Affected: Not Reported  
 Spill Notifier: Fire Department  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 3/23/1989  
 Spill Record Last Update: 9/7/1994  
 Spiller Name: Not Reported  
 Spiller Company: NYC HSG AUTH  
 Spiller Address: Not Reported  
 Spiller City,St,Zip: ZZ  
 Spiller County: 001  
 Spiller Contact: Not Reported  
 Spiller Phone: Not Reported  
 Spiller Extention: Not Reported  
 DEC Region: 2  
 DER Facility ID: 245979  
 DEC Memo: Not Reported  
 Remarks: SPILL HAPPENED DURING A TRANSFER OF OIL FROM ONE TANK TO ANOTHER, CAP WAS NOT TIGHTENED IN FILL BOX, OIL SPILLED ON ROADWAY & 40 GALLONS IN

MAP FINDINGS

WILLIAMSBURG, 144 MAUJER ST & GRAHAM ST, NEW YORK CITY, NY (Continued)

SEWER.

**Material:**

Site ID:	304525
Operable Unit ID:	926081
Operable Unit:	01
Material ID:	450993
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	200
Units:	Gallons
Recovered:	No
Resource Affected:	Not Reported
Oxygenate:	False

**Tank Test:**

MAP FINDINGS

WILLIAMSBURG HOUSES 128 MAUJER STREET, BROOKLYN, NY, 11206		U002034231
▲ 34	SSW 1/10 - 1/3 (1510 ft. / 0.286 mi.)	State and tribal leaking storage tank lists
	Equal Elevation 39 ft. Above Sea Level	State and tribal registered storage tank lists Other Standard Environmental Records

**Worksheet:**

**Comments:** not a VEC due to distance from the site

**Conditions:**

Not Applicable: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**SPILLS: Other Standard Environmental Records** 

Facility ID: 9506468  
 Facility Type: ER  
 DER Facility ID: 105628  
 Site ID: 121686  
 DEC Region: 2  
 Spill Date: 8/24/1995  
 Spill Number/Closed Date: 9506468 / 8/25/1995  
 Spill Cause: Human Error  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 SWIS: 2401  
 Investigator: HEALY  
 Referred To: Not Reported  
 Reported to Dept: 8/25/1995  
 CID: Not Reported  
 Water Affected: Not Reported  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Notifier: Affected Persons  
 Cleanup Ceased: 8/25/1995  
 Cleanup Meets Std: True  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 8/25/1995  
 Spill Record Last Update: 8/28/1995  
 Spiller Name: Not Reported  
 Spiller Company: B&G NATIONAL  
 Spiller Address: 33-59 55TH STREET  
 Spiller City,St,Zip: WOODSIDE, NY 11377  
 Spiller Company: 001  
 Contact Name: Not Reported  
 Contact Phone: Not Reported  
 DEC Memo: Not Reported  
 Remarks: CONTRACTOR FOR BROOKLYN UNION GAS WAS CONVERTING BOILER ROOM FROM OIL

MAP FINDINGS

**WILLIAMSBURG HOUSES, 128 MAUJER STREET, BROOKLYN, NY 11206 (Continued)**

TO DUAL FUEL-LEFT COVERS OFF OIL STRAINERS, CAUSED LEAK TO FLOOR  
DRAINS AND SUMP. NO OIL GOT INTO SEWER. CONTRACTOR TO CLEAN

**Material:**

Site ID: 121686  
Operable Unit ID: 1017247  
Operable Unit: 01  
Material ID: 364434  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not Reported  
Material FA: Petroleum  
Quantity: 40  
Units: Gallons  
Recovered: No  
Resource Affected: Not Reported  
Oxygenate: False

**Tank Test:**

Facility ID: 9113231  
Facility Type: ER  
DER Facility ID: 105628  
Site ID: 308874  
DEC Region: 2  
Spill Date: 3/27/1992  
Spill Number/Closed Date: 9113231 / 8/4/2008  
Spill Cause: Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
SWIS: 2401  
Investigator: jkkann  
Referred To: CONSOLIDATED WITH 9305275  
Reported to Dept: 3/30/1992  
CID: Not Reported  
Water Affected: Not Reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Affected Persons  
Cleanup Ceased: Not Reported  
Cleanup Meets Std: False  
Last Inspection: Not Reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 4/6/1992  
Spill Record Last Update: 8/4/2008  
Spiller Name: Not Reported  
Spiller Company: NYCHA  
Spiller Address: Not Reported

MAP FINDINGS
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**WILLIAMSBURG HOUSES, 128 MAUJER STREET, BROOKLYN, NY 11206 (Continued)**

Spiller City,St,Zip: ZZ  
 Spiller Company: 001  
 Contact Name: Not Reported  
 Contact Phone: Not Reported  
 DEC Memo: 03/14/06: This spill assigned to K.Tang.8/4/08: Spill transferred to J.Kann and consolidated with spill 9305275. - J.Kann  
 Remarks: ILLEGALLY ABANDONED TANKS - 6 VAULTED TANKS AND 6 UNDERGROUND TANKS ABOUT 7000 GALS EACH. NYC HSG INSPECTOR GENERAL OFFICE IS INVESTIGATING FURTHER

**Material:**

Site ID: 308874  
 Operable Unit ID: 966835  
 Operable Unit: 01  
 Material ID: 414749  
 Material Code: 0002A  
 Material Name: #4 Fuel Oil  
 Case No.: Not Reported  
 Material FA: Petroleum  
 Quantity: -1  
 Units: Not Reported  
 Recovered: No  
 Resource Affected: Not Reported  
 Oxygenate: False

**Tank Test:**

Facility ID: 9412051  
 Facility Type: ER  
 DER Facility ID: 105628  
 Site ID: 121684  
 DEC Region: 2  
 Spill Date: 12/9/1994  
 Spill Number/Closed Date: 9412051 / 5/1/1995  
 Spill Cause: Human Error  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 SWIS: 2401  
 Investigator: HEALY  
 Referred To: Not Reported  
 Reported to Dept: 12/9/1994  
 CID: Not Reported  
 Water Affected: Not Reported  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Notifier: Responsible Party  
 Cleanup Ceased: 5/1/1995  
 Cleanup Meets Std: True  
 Last Inspection: Not Reported  
 Recommended Penalty: False

MAP FINDINGS

**WILLIAMSBURG HOUSES, 128 MAUJER STREET, BROOKLYN, NY 11206 (Continued)**

UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 12/15/1994  
 Spill Record Last Update: 5/1/1995  
 Spiller Name: Not Reported  
 Spiller Company: NYC HOUSING AUTHORITY  
 Spiller Address: Not Reported  
 Spiller City,St,Zip: ZZ  
 Spiller Company: 001  
 Contact Name: Not Reported  
 Contact Phone: Not Reported  
 DEC Memo: Not Reported  
 Remarks: PUT FILL LINE TO SECONDARY CONTAINMENT-SPILL WENT ONTO LAWN AND CONCRETE-WILL RELIEVE PRESSURE AND CLEAN.

**Material:**

Site ID: 121684  
 Operable Unit ID: 1009840  
 Operable Unit: 01  
 Material ID: 374387  
 Material Code: 0002A  
 Material Name: #4 Fuel Oil  
 Case No.: Not Reported  
 Material FA: Petroleum  
 Quantity: 136  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not Reported  
 Oxygenate: False

**Tank Test:**

Site ID: 121684  
 Spill Tank Test: 1543436  
 Tank Number: Not Reported  
 Tank Size: 0  
 Test Method: 00  
 Leak Rate: 0  
 Gross Fail: Not Reported  
 Modified By: Spills  
 Last Modified: 10/1/2004  
 Test Method: Unknown

Facility ID: 9107819  
 Facility Type: ER  
 DER Facility ID: 105628  
 Site ID: 128132  
 DEC Region: 2  
 Spill Date: 10/22/1991  
 Spill Number/Closed Date: 9107819 / 12/2/1994

MAP FINDINGS
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**WILLIAMSBURG HOUSES, 128 MAUJER STREET, BROOKLYN, NY 11206 (Continued)**

Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	HEALY
Referred To:	Not Reported
Reported to Dept:	10/22/1991
CID:	Not Reported
Water Affected:	Not Reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	12/2/1994
Cleanup Meets Std:	True
Last Inspection:	Not Reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/28/1991
Spill Record Last Update:	1/17/2006
Spiller Name:	Not Reported
Spiller Company:	NYCHA
Spiller Address:	Not Reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not Reported
Contact Phone:	Not Reported
DEC Memo:	Not Reported
Remarks:	7K TANK; OIL ON CONCRETE FLOOR. WINSTON CLEANING UP & DISPOSING. WILL INNVESTIGATE.

**Material:**

Site ID:	128132
Operable Unit ID:	961898
Operable Unit:	01
Material ID:	420004
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	60
Units:	Gallons
Recovered:	No
Resource Affected:	Not Reported
Oxygenate:	False

**Tank Test:**

Site ID:	128132
Spill Tank Test:	1539201
Tank Number:	Not Reported

MAP FINDINGS

**WILLIAMSBURG HOUSES, 128 MAUJER STREET, BROOKLYN, NY 11206 (Continued)**

Tank Size: 0  
 Test Method: 00  
 Leak Rate: 0  
 Gross Fail: Not Reported  
 Modified By: Spills  
 Last Modified: 10/1/2004  
 Test Method: Unknown

Facility ID: 9208264  
 Facility Type: ER  
 DER Facility ID: 105628  
 Site ID: 121682  
 DEC Region: 2  
 Spill Date: 10/16/1992  
 Spill Number/Closed Date: 9208264 / 10/16/1992  
 Spill Cause: Equipment Failure  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 2401  
 Investigator: HEALY  
 Referred To: Not Reported  
 Reported to Dept: 10/16/1992  
 CID: Not Reported  
 Water Affected: Not Reported  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Notifier: Other  
 Cleanup Ceased: 10/16/1992  
 Cleanup Meets Std: True  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 10/20/1992  
 Spill Record Last Update: 9/7/1994  
 Spiller Name: Not Reported  
 Spiller Company: NYCHA  
 Spiller Address: Not Reported  
 Spiller City,St,Zip: NY  
 Spiller Company: 999  
 Contact Name: Not Reported  
 Contact Phone: Not Reported  
 DEC Memo: Not Reported  
 Remarks: OIL FOUND IN STICKWELL AFTER DELIVERY-NYC HOUSING TO CLEANUP. CALLED JIM CAREY AT CASTLE OIL, OIL CAME OUT OF THE STICK HOLE CONTAMINATED SURROUNDING SOIL, NYCHA CALL CONTRACTOR TO PICK UP.

**Material:**

Site ID: 121682  
 Operable Unit ID: 975149  
 Operable Unit: 01

MAP FINDINGS
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**WILLIAMSBURG HOUSES, 128 MAUJER STREET, BROOKLYN, NY 11206 (Continued)**

Material ID:	408857
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	No
Resource Affected:	Not Reported
Oxygenate:	False

**Tank Test:**

Site ID:	121682
Spill Tank Test:	1540723
Tank Number:	Not Reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not Reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

The NY\_SPILL database contains 0 additional records for this site. Please contact your EDR Account Executive for more information.

**HIST UST: State and tribal registered storage tank lists** 

PBS Number:	2-601883
SPDES Number:	Not Reported
Emergency Contact:	EMERGENCY SERVICE SQUAD
Emergency Telephone:	(212) 289-3940
Operator:	RAFAEL VELEZ
Operator Telephone:	(212) 306-3142
Owner Name:	NYC HOUSING AUTHORITY
Owner Address:	250 BROADWAY
Owner City,St,Zip:	NEW YORK, NY 10007
Owner Telephone:	(212) 306-3142
Owner Type:	Local Government
Owner Subtype:	51
Mailing Name:	NYC HOUSING AUTHORITY
Mailing Address:	250 BROADWAY
Mailing Address 2:	16TH FLOOR - REMEDIATION SECTION
Mailing City,St,Zip:	NEW YORK, NY 10007
Mailing Contact:	FRANK OCELLO
Mailing Telephone:	(212) 306-3142
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not Reported
SWIS ID:	6101
Old PBS Number:	Not Reported

MAP FINDINGS

**WILLIAMSBURG HOUSES, 128 MAUJER STREET, BROOKLYN, NY 11206 (Continued)**

Facility Type:	APARTMENT BUILDING
Inspected Date:	Not Reported
Inspector:	Not Reported
Inspection Result:	Not Reported
Federal ID:	Not Reported
Certification Flag:	False
Certification Date:	10/29/1999
Expiration Date:	06/02/2004
Renew Flag:	False
Renewal Date:	Not Reported
Total Capacity:	14400
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not Reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	09/01/1994
Capacity (gals):	7000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not Reported
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Not Reported
Second Containment:	Vault (w/access)
Leak Detection:	Electronic
Overfill Prot:	High Level Alarm, Product Level Gauge
Dispenser:	Suction
Date Tested:	Not Reported
Next Test Date:	09/01/2009
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not Reported
Test Method:	Not Reported
Deleted:	False
Updated:	True
Lat/long:	Not Reported

**LTANKS: State and tribal leaking storage tank lists** 

Site ID:	128131
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MAP FINDINGS
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**WILLIAMSBURG HOUSES, 128 MAUJER STREET, BROOKLYN, NY 11206 (Continued)**

Spill Number/Closed Date:	9104201 / 4/27/1995
Spill Date:	7/19/1991
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	4/27/1995
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	HEALY
Referred To:	Not Reported
Reported to Dept:	7/19/1991
CID:	Not Reported
Water Affected:	Not Reported
Spill Notifier:	Tank Tester
Last Inspection:	Not Reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/22/1991
Spill Record Last Update:	1/17/2006
Spiller Name:	Not Reported
Spiller Company:	NYCHA
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	Not Reported
Spiller Phone:	Not Reported
Spiller Extention:	Not Reported
DEC Region:	2
DER Facility ID:	105628
DEC Memo:	Not Reported
Remarks:	8K TANK HORNER EZY CHECK; VISUAL GROSS LEAK, WILL REPAIR & RETEST. SEE SPILL # 9305275

**Material:**

Site ID:	128131
Operable Unit ID:	958108
Operable Unit:	01
Material ID:	423293
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not Reported
Recovered:	No
Resource Affected:	Not Reported
Oxygenate:	False

MAP FINDINGS

**WILLIAMSBURG HOUSES, 128 MAUJER STREET, BROOKLYN, NY 11206 (Continued)**

**Tank Test:**

Site ID: 128131  
 Spill Tank Test: 1538781  
 Tank Number: 001  
 Tank Size: 0  
 Test Method: 00  
 Leak Rate: 0  
 Gross Fail: Not Reported  
 Modified By: Spills  
 Last Modified: 10/1/2004  
 Test Method: Unknown

Site ID: 131045  
 Spill Number/Closed Date: 9314699 / 3/23/1994  
 Spill Date: 3/15/1994  
 Spill Cause: Tank Overfill  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Cleanup Ceased: 3/23/1994  
 Cleanup Meets Standard: True  
 SWIS: 2401  
 Investigator: HEALY  
 Referred To: Not Reported  
 Reported to Dept: 3/15/1994  
 CID: Not Reported  
 Water Affected: Not Reported  
 Spill Notifier: Local Agency  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 3/21/1994  
 Spill Record Last Update: 1/17/2006  
 Spiller Name: Not Reported  
 Spiller Company: NYC HOUS. AUTH.  
 Spiller Address: Not Reported  
 Spiller City,St,Zip: ZZ  
 Spiller County: 001  
 Spiller Contact: Not Reported  
 Spiller Phone: Not Reported  
 Spiller Extention: Not Reported  
 DEC Region: 2  
 DER Facility ID: 105628  
 DEC Memo: Not Reported  
 Remarks: CONTAINED CLEANED UP BY BAYSIDE FUEL OIL - PUT INTO DRUM - SPEEDY DRY USED. 350/PM CALLED GENTILE - SPILL ON CONCRETE & ASPHALT AT PARKING LOT - FUEL CO. & H.A. CLEANED UP QUICKLY BECAUSE IT WAS RAINI

MAP FINDINGS
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**WILLIAMSBURG HOUSES, 128 MAUJER STREET, BROOKLYN, NY 11206 (Continued)**

**Material:**

Site ID:	131045
Operable Unit ID:	996626
Operable Unit:	01
Material ID:	386486
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	100
Units:	Gallons
Recovered:	No
Resource Affected:	Not Reported
Oxygenate:	False

**Tank Test:**

Site ID:	131045
Spill Tank Test:	1542497
Tank Number:	Not Reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not Reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	121683
Spill Number/Closed Date:	9305275 / Not Reported
Spill Date:	7/28/1993
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not Reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	jkkann
Referred To:	Not Reported
Reported to Dept:	7/28/1993
CID:	Not Reported
Water Affected:	Not Reported
Spill Notifier:	Tank Tester
Last Inspection:	Not Reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	7/29/1993
Spill Record Last Update:	8/4/2008

MAP FINDINGS

**WILLIAMSBURG HOUSES, 128 MAUJER STREET, BROOKLYN, NY 11206 (Continued)**

Spiller Name:	Not Reported
Spiller Company:	NYC HOUSING AUTH.
Spiller Address:	Not Reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not Reported
Spiller Phone:	Not Reported
Spiller Extention:	Not Reported
DEC Region:	2
DER Facility ID:	105628
DEC Memo:	01/17/06: This spill transferred from J.Kolleeny to S.Kraszewski. Two TTF for tank 001 and it was replaced in 1994. No contamination evident during the removal. However, this open spill number exists and a site assessment must be performed. - SK09/01/06: DEC Lead for this spill changed from "unassigned" to S. Kraszewski. - J. Kolleeny02/09/07 - J.Kann - Spill reassigned from S.Kraszewski to J.Kann.08/04/08- J.Kann - Spill 9113231 (same address) closed and consolidated with this spill. J.kann
Remarks:	PROB. EMPTY TANK AND CHECK FOR LEAK RATE.

**Material:**

Site ID:	121683
Operable Unit ID:	986780
Operable Unit:	01
Material ID:	395207
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not Reported
Material FA:	Petroleum
Quantity:	0
Units:	Not Reported
Recovered:	No
Resource Affected:	Not Reported
Oxygenate:	False

**Tank Test:**

Site ID:	121683
Spill Tank Test:	1541817
Tank Number:	001
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not Reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

MAP FINDINGS

WILLIAMSBURG HOUSES -NYCHA 188 TEN EYCK WALK, BROOKLYN, NY,		S102149362
▲ 35	S 1/10 - 1/3 (1565 ft. / 0.296 mi.)	State and tribal leaking storage tank lists Other Standard Environmental Records
	2 ft. Higher Elevation 41 ft. Above Sea Level	

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** not a VEC due to distance from the site

**Conditions:**

Not Applicable: YES

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**SPILLS: Other Standard Environmental Records** 

Facility ID: 9413630  
 Facility Type: ER  
 DER Facility ID: 238486  
 Site ID: 294663  
 DEC Region: 2  
 Spill Date: 1/12/1995  
 Spill Number/Closed Date: 9413630 / 12/7/2005  
 Spill Cause: Unknown  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 SWIS: 2401  
 Investigator: SWKRASZE  
 Referred To: Not Reported  
 Reported to Dept: 1/12/1995  
 CID: Not Reported  
 Water Affected: Not Reported  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Notifier: Federal Government  
 Cleanup Ceased: Not Reported  
 Cleanup Meets Std: False  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Trust: False  
 Remediation Phase: 0  
 Date Entered In Computer: 1/23/1995  
 Spill Record Last Update: 12/7/2005  
 Spiller Name: Not Reported  
 Spiller Company: NYC HOUSING AUTHORITY  
 Spiller Address: Not Reported  
 Spiller City,St,Zip: ZZ  
 Spiller Company: 001  
 Contact Name: Not Reported  
 Contact Phone: Not Reported  
 DEC Memo: 12/07/05: This spill transferred from J.Kolleeny to S.Kraszewski.This

MAP FINDINGS

**WILLIAMSBURG HOUSES -NYCHA, 188 TEN EYCK WALK, BROOKLYN, NY (Continued)**

spill closed to consolidate with open spill #9802239.  
 Remarks: SEEPAGE NOTED THROUGH BASEMENT WALL IN BOILER ROOM-ADJACENT TO FUEL LINE. UNKNOWN IF LEAK OR PREVIOUS SPILL-REQUIRES REMEDIATION. JANE HEALY NOTIFIED-WILL MEET WITH HER TOMORROW.

**Material:**

Site ID: 294663  
 Operable Unit ID: 1007196  
 Operable Unit: 01  
 Material ID: 372372  
 Material Code: 0002A  
 Material Name: #4 Fuel Oil  
 Case No.: Not Reported  
 Material FA: Petroleum  
 Quantity: -1  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not Reported  
 Oxygenate: False

**Tank Test:**

**LTANKS: State and tribal leaking storage tank lists** 

Site ID: 77200  
 Spill Number/Closed Date: 9802239 / 2/12/2010  
 Spill Date: 5/20/1998  
 Spill Cause: Tank Test Failure  
 Spill Source: Private Dwelling  
 Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Cleanup Ceased: Not Reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: MXAJOKU  
 Referred To: SITE ASSESSMENT RCVD 6/07  
 Reported to Dept: 5/20/1998  
 CID: 198  
 Water Affected: Not Reported  
 Spill Notifier: Local Agency  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 5/20/1998  
 Spill Record Last Update: 2/12/2010  
 Spiller Name: FRANK OCELLO  
 Spiller Company: NYC HOUSING AUTHORITY  
 Spiller Address: 250 BROADWAY

MAP FINDINGS

**WILLIAMSBURG HOUSES -NYCHA, 188 TEN EYCK WALK, BROOKLYN, NY (Continued)**

Spiller City,St,Zip: NEW YORK, NY 10007-  
Spiller County: 001  
Spiller Contact: FRANK OCELLO  
Spiller Phone: (212) 306-3229  
Spiller Extention: Not Reported  
DEC Region: 2  
DER Facility ID: 238486  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "BREEN"NYCHA is no longer using this UST, but has yet to permanently close it (remove it from the ground). The tank was installed in 1978. It tested OK in 1991. It failed testing on 5/20/98. A second, identical tank was installed alongside this tank in 1978. The second tank consistently tests OK and is still in service. George Breen12/07/05: This spill transferred from J.Kolleeny to S.Kraszewski.02/06/06: This spill transferred from S.Kraszewski to Q.Abidi.04/04/06: This spill transferred from Q. Abidi to Koon Tang.06/19/06: SK received Email from Mohan Sharma from UTB consultants. As part of Schedule C of the NYCHA Order on Consent the tanks at this site are to be removed and replaced by the end of the month. Two 20K tanks, currently TOS will begin prep work on 06/22: cleaning, asbestos removal, piping. Once the prep work is finished, UTB will notify when the tanks will be pulled. I mentioned to Mohan that I wish to be on-site when they perform the tank removal. Waiting for second notice.Also, two tanks at 211 Stagg Walk, which are adjacent to this site are also being removed as part of Schedule C. No open spills for 211 Stagg Walk. - SK06/27/06: Recieved call from Frank Inoa, NYCHA Fuel Oil Remediation Unit. Oil recovery from the tanks is delaying the prep work. He expects to start uncovering the tanks next week and pull them the following week. Both he and Mohan Sharma from UTB will keep me updated. - SK07/07/06: Received an Email from UTB to notify of work to expose piping on July 12, 2006 in preparation for tank replacement. - SK09/08/06: Received email from Mohan Sharma at UTB informing me that the tanks will be pulled on 9/11 and 9/12 as part of Schedule C. - SK09/11/06: SK visited site to witness tank excavation. Two 20K USTs will be removed and replaced by one 20K UST. No soil or GW contamination was evident. Ivy Olberding (516-671-8440) from Gannett Fleming called asking about end-point sampling locations. I told her that I would like to be on-site when they perform the sampling. A Dorian Howard will be calling me to

MAP FINDINGS

**WILLIAMSBURG HOUSES -NYCHA, 188 TEN EYCK WALK, BROOKLYN, NY (Continued)**

inform me when they will start sampling. - SK09/18/06: SK visited excavation site to instruct Gannett Fleming personnel where to collect end-point samples. UTB staff was finishing pumping out rainwater that collected into the pit. A single tank pad that supported both tanks was present. SK instructed that soil sidewall samples be collected at two points along the length of the pit and one at each end. Also, since a bottom sample cannot be obtained two samples along the length of the pad and one at each end would suffice. Staff asked about the fill port and sampling, GF said once the site has been restored they will remove fill port piping and excavate. - SK02/08/07 : DEC lead changed from S. Kraszewski to J. Kann. J.Kann8/14/08: JK - site assessment received on 6/07.01/28/2010: Remediation and other associated clean-up activities linked to this spill number is now under the oversight of Moses Ajoku, all correspondence related to this case should be addressed to me. (MA) 02/12/10: Spill number linked to this release is hereby closed following the review of Closure Assessment Report. Report document is in eDocs. (MA)

Remarks: GROSS FAILURE OF TANK TEST. See Spill No. 9413630 also for this site.

**Material:**

Site ID: 77200  
Operable Unit ID: 1060292  
Operable Unit: 01  
Material ID: 320577  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not Reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not Reported  
Oxygenate: False

**Tank Test:**

Site ID: 77200  
Spill Tank Test: 1545911  
Tank Number: 2  
Tank Size: 20000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: F  
Modified By: Spills

MAP FINDINGS

**WILLIAMSBURG HOUSES -NYCHA, 188 TEN EYCK WALK, BROOKLYN, NY (Continued)**

Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

MAP FINDINGS

INTERMEDIATE SCHOOL 49 - BROOKLYN K049 223 GRAHAM AVENUE, BROOKLYN, NY, 11206		U001839975
▼ 36	S 1/10 - 1/3 (1705 ft. / 0.323 mi.)	State and tribal leaking storage tank lists
	1 ft. Lower Elevation 38 ft. Above Sea Level	State and tribal registered storage tank lists Other Standard Environmental Records

**Worksheet:**

**Impact on Target Property:** VEC Can Be Ruled Out

**Comments:** not a VEC due to distance from the site

**Groundwater Flow Gradient:**

Upgradient or Indeterminate: YES

**UST: State and tribal registered storage tank lists** 

Id/Status: 2-356220 / Active  
 Program Type: PBS  
 Region: STATE  
 DEC Region: 2  
 Expiration Date: 06/28/2018  
 UTM X: 589279.37416999997  
 UTM Y: 4506973.45115999997  
 Site Type: School

**Affiliation Records:**

Site Id: 17785  
 Affiliation Type: Facility Owner  
 Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION  
 Contact Type: MGR  
 Contact Name: MUNENDRA SHARMA  
 Address1: 44-36 VERNON BOULEVARD  
 Address2: Not Reported  
 City: LONG ISLAND CITY  
 State: NY  
 Zip Code: 11101  
 Country Code: 001  
 Phone: (718) 349-5752  
 EMail: JMERLO@SCHOOLS.NYC.GOV  
 Fax Number: Not Reported  
 Modified By: GDBREEN  
 Date Last Modified: 6/25/2014

Site Id: 17785  
 Affiliation Type: Mail Contact  
 Company Name: NYC DEPARTMENT OF EDUCATION  
 Contact Type: Not Reported  
 Contact Name: MUNENDRA SHARMA  
 Address1: FIELD OPERATIONS - FUEL DIVISION  
 Address2: 44-36 VERNON BOULEVARD  
 City: LONG ISLAND CITY  
 State: NY  
 Zip Code: 11101

MAP FINDINGS

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049, 223 GRAHAM AVENUE, BROOKLYN, NY 11206 (Continued)**

Country Code: 001  
 Phone: (718) 349-5752  
 EMail: MSHARMA@SCHOOLS.NYC.GOV  
 Fax Number: Not Reported  
 Modified By: NRLOMBAR  
 Date Last Modified: 6/12/2014

Site Id: 17785  
 Affiliation Type: On-Site Operator  
 Company Name: INTERMEDIATE SCHOOL 49 - BROOKLYN K049  
 Contact Type: Not Reported  
 Contact Name: PLANT OPERATIONS  
 Address1: Not Reported  
 Address2: Not Reported  
 City: Not Reported  
 State: NN  
 Zip Code: Not Reported  
 Country Code: 001  
 Phone: (718) 349-5400  
 EMail: Not Reported  
 Fax Number: Not Reported  
 Modified By: NRLOMBAR  
 Date Last Modified: 2/26/2013

Site Id: 17785  
 Affiliation Type: Emergency Contact  
 Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION  
 Contact Type: Not Reported  
 Contact Name: SCHOOL SAFETY  
 Address1: Not Reported  
 Address2: Not Reported  
 City: Not Reported  
 State: NN  
 Zip Code: Not Reported  
 Country Code: 999  
 Phone: (718) 935-3300  
 EMail: Not Reported  
 Fax Number: Not Reported  
 Modified By: GDBREEN  
 Date Last Modified: 6/30/2014

**Tank Info:**

Tank Number: 001  
 Tank ID: 34798  
 Tank Status: Closed - Removed  
 Material Name: Closed - Removed  
 Capacity Gallons: 7500  
 Install Date: Not Reported  
 Date Tank Closed: 02/01/2005  
 Registered: True

MAP FINDINGS

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049, 223 GRAHAM AVENUE, BROOKLYN, NY 11206 (Continued)**

Tank Location: Underground  
 Tank Type: Steel/carbon steel  
 Material Code: 0002  
 Common Name of Substance: #4 Fuel Oil (On-Site Consumption)  
 Tightness Test Method: ZZ  
 Date Test: 09/11/2000  
 Next Test Date: Not Reported  
 Pipe Model: Not Reported  
 Modified By: NRLOMBAR  
 Last Modified: 06/25/2008

**Equipment Records:**

C03 - Pipe Location - Aboveground/Underground Combination  
 E00 - Piping Secondary Containment - None  
 F01 - Pipe External Protection - Painted/Asphalt Coating  
 H00 - Tank Leak Detection - None  
 A00 - Tank Internal Protection - None  
 D01 - Pipe Type - Steel/Carbon Steel/Iron  
 J02 - Dispenser - Suction Dispenser  
 B01 - Tank External Protection - Painted/Asphalt Coating  
 I04 - Overfill - Product Level Gauge (A/G)  
 G00 - Tank Secondary Containment - None  
 L00 - Piping Leak Detection - None

Tank Number: 002  
 Tank ID: 34799  
 Tank Status: Closed - Removed  
 Material Name: Closed - Removed  
 Capacity Gallons: 7500  
 Install Date: Not Reported  
 Date Tank Closed: 11/09/2006  
 Registered: True  
 Tank Location: Underground  
 Tank Type: Steel/carbon steel  
 Material Code: 0002  
 Common Name of Substance: #4 Fuel Oil (On-Site Consumption)  
 Tightness Test Method: 21  
 Date Test: 08/26/2005  
 Next Test Date: Not Reported  
 Pipe Model: Not Reported  
 Modified By: NRLOMBAR  
 Last Modified: 06/25/2008

**Equipment Records:**

C03 - Pipe Location - Aboveground/Underground Combination

MAP FINDINGS

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049, 223 GRAHAM AVENUE, BROOKLYN, NY 11206 (Continued)**

E00 - Piping Secondary Containment - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
I04 - Overfill - Product Level Gauge (A/G)  
G00 - Tank Secondary Containment - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
L00 - Piping Leak Detection - None

**NY MANIFEST: Other Standard Environmental Records** 

EPA ID: NYD987007945  
Country: USA

**Mailing Info:**

Name: WILLIAM J GAYNOR INTERMEDIATE SCHOOL #49  
Contact: DERI MORAVCIK  
Address: 223 GRAHAM AVENUE  
City/State/Zip: BROOKLYN, NY 11206  
Country: USA  
Phone: 718-387-7697

Document ID: Not Reported  
Manifest Status: Not Reported  
Trans1 State ID: NYD986938645  
Trans2 State ID: PAD146714878  
Generator Ship Date: 2012-08-30  
Trans1 Recv Date: 2012-08-30  
Trans2 Recv Date: 2012-08-31  
TSD Site Recv Date: 2012-09-04  
Part A Recv Date: Not Reported  
Part B Recv Date: Not Reported  
Generator EPA ID: NYD987007945  
Trans1 EPA ID: Not Reported  
Trans2 EPA ID: Not Reported  
TSD ID: NYD049836679  
Waste Code: Not Reported  
Quantity: 170.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 7.0  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 001593960GBF

MAP FINDINGS

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049, 223 GRAHAM AVENUE, BROOKLYN, NY 11206 (Continued)**

Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not Reported
Alt Fac RCRA Id:	Not Reported
Alt Fac Sign Date:	Not Reported
Mgmt Method Type Code:	H132
Document ID:	Not Reported
Manifest Status:	Not Reported
Trans1 State ID:	NYD986938645
Trans2 State ID:	PAD146714878
Generator Ship Date:	2012-08-30
Trans1 Recv Date:	2012-08-30
Trans2 Recv Date:	2012-08-31
TSD Site Recv Date:	2012-09-04
Part A Recv Date:	Not Reported
Part B Recv Date:	Not Reported
Generator EPA ID:	NYD987007945
Trans1 EPA ID:	Not Reported
Trans2 EPA ID:	Not Reported
TSD ID:	NYD049836679
Waste Code:	Not Reported
Quantity:	50.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	001593960GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not Reported
Alt Fac RCRA Id:	Not Reported
Alt Fac Sign Date:	Not Reported
Mgmt Method Type Code:	H141
Document ID:	Not Reported
Manifest Status:	Not Reported
Trans1 State ID:	NYD986938645

MAP FINDINGS

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049, 223 GRAHAM AVENUE, BROOKLYN, NY 11206 (Continued)**

Trans2 State ID:	PAD146714878
Generator Ship Date:	2012-08-30
Trans1 Recv Date:	2012-08-30
Trans2 Recv Date:	2012-08-31
TSD Site Recv Date:	2012-09-04
Part A Recv Date:	Not Reported
Part B Recv Date:	Not Reported
Generator EPA ID:	NYD987007945
Trans1 EPA ID:	Not Reported
Trans2 EPA ID:	Not Reported
TSD ID:	NYD049836679
Waste Code:	Not Reported
Quantity:	170.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	7.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	001593960GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not Reported
Alt Fac RCRA Id:	Not Reported
Alt Fac Sign Date:	Not Reported
Mgmt Method Type Code:	H132
Document ID:	Not Reported
Manifest Status:	Not Reported
Trans1 State ID:	NYD986938645
Trans2 State ID:	PAD146714878
Generator Ship Date:	2012-08-30
Trans1 Recv Date:	2012-08-30
Trans2 Recv Date:	2012-08-31
TSD Site Recv Date:	2012-09-04
Part A Recv Date:	Not Reported
Part B Recv Date:	Not Reported
Generator EPA ID:	NYD987007945
Trans1 EPA ID:	Not Reported
Trans2 EPA ID:	Not Reported
TSD ID:	NYD049836679
Waste Code:	Not Reported
Quantity:	50.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	2.0

MAP FINDINGS
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**INTERMEDIATE SCHOOL 49 - BROOKLYN K049, 223 GRAHAM AVENUE, BROOKLYN, NY 11206 (Continued)**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	001593960GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not Reported
Alt Fac RCRA Id:	Not Reported
Alt Fac Sign Date:	Not Reported
Mgmt Method Type Code:	H141

**HIST AST: State and tribal registered storage tank lists** 

PBS Number:	2-356220
SWIS Code:	6101
Operator:	PLANT OPERATION
Facility Phone:	(718) 391-6000
Facility Addr2:	223 GRAHAM AVE
Facility Type:	SCHOOL
Emergency:	SCHOOL SAFETY
Emergency Tel:	(212) 979-3300
Old PBSNO:	Not Reported
Date Inspected:	Not Reported
Inspector:	Not Reported
Result of Inspection:	Not Reported
Owner Name:	N.Y.C. BOARD OF EDUCATION
Owner Address:	28-11 QUEENS PLAZA NORTH
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Federal ID:	Not Reported
Owner Tel:	(718) 391-6832
Owner Type:	Local Government
Owner Subtype:	Not Reported
Mailing Contact:	FRANK CARDELLO NTROL
Mailing Name:	OFFICE OF BUILDING SERVICES
Mailing Address:	28-11 QUEENS PLAZA NORTH
Mailing Address 2:	5TH FLOOR
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Telephone:	(718) 391-6832
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	05/15/2000
Expiration:	06/28/2003
Renew Flag:	False

MAP FINDINGS

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049, 223 GRAHAM AVENUE, BROOKLYN, NY 11206 (Continued)**

Renew Date:	Not Reported
Total Capacity:	15000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not Reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	Not Reported
Capacity (Gal):	7500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not Reported
Tank External:	01
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	01
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not Reported
Next Test Date:	Not Reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not Reported
Test Method:	Not Reported
Deleted:	False
Updated:	True
SPDES Number:	Not Reported
Lat/Long:	Not Reported
Tank ID:	002
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	Not Reported
Capacity (Gal):	7500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not Reported
Tank External:	01
Pipe Location:	Aboveground/Underground Combination

MAP FINDINGS

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049, 223 GRAHAM AVENUE, BROOKLYN, NY 11206 (Continued)**

Pipe Type: STEEL/IRON  
 Pipe Internal: None  
 Pipe External: 01  
 Tank Containment: None  
 Leak Detection: 0  
 Overfill Protection: 4  
 Dispenser Method: Suction  
 Date Tested: Not Reported  
 Next Test Date: Not Reported  
 Missing Data for Tank: Minor Data Missing  
 Date Closed: Not Reported  
 Test Method: Not Reported  
 Deleted: False  
 Updated: True  
 SPDES Number: Not Reported  
 Lat/Long: Not Reported

**LTANKS: State and tribal leaking storage tank lists**

Site ID: 128139  
 Spill Number/Closed Date: 9711161 / 3/14/2005  
 Spill Date: 1/5/1998  
 Spill Cause: Tank Failure  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Cleanup Ceased: Not Reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: RWAUSTIN  
 Referred To: Not Reported  
 Reported to Dept: 1/5/1998  
 CID: 281  
 Water Affected: Not Reported  
 Spill Notifier: Responsible Party  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 1/5/1998  
 Spill Record Last Update: 3/14/2005  
 Spiller Name: KWAME FOSU  
 Spiller Company: NY CITY SCHOOL DISTRICT  
 Spiller Address: 30-30 THOMSON AVE  
 Spiller City,St,Zip: LONG ISLAND, NY 11101-  
 Spiller County: 001  
 Spiller Contact: KWAME FOSU  
 Spiller Phone: (718) 472-8501  
 Spiller Extention: Not Reported  
 DEC Region: 2  
 DER Facility ID: 110563

MAP FINDINGS

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049, 223 GRAHAM AVENUE, BROOKLYN, NY 11206 (Continued)**

DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "AUSTIN"5/12/04 - ORIG. ASSIGNED TO HALE3/14/05 - Austin - closed and consolidated with spill #0411168 - end

Remarks: SOIL TEST AT ABOVE LOCATION INDICATE A POSSIBLE LEAK AT ABOVELOCATION. ADDITIONAL TESTING WILL BE DONE TO DETERMINE AMOUNTAND NATURE OF SPILL. CALLER REQUEST CALL DURING BUSINESS HOURS.

**Material:**

Site ID: 128139  
 Operable Unit ID: 1054046  
 Operable Unit: 01  
 Material ID: 325865  
 Material Code: 0003A  
 Material Name: #6 Fuel Oil  
 Case No.: Not Reported  
 Material FA: Petroleum  
 Quantity: 0  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not Reported  
 Oxygenate: False

**Tank Test:**

Site ID: 336264  
 Spill Number/Closed Date: 0411168 / 12/19/2005  
 Spill Date: 1/14/2005  
 Spill Cause: Tank Test Failure  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Cleanup Ceased: Not Reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: AJWHITE  
 Referred To: Not Reported  
 Reported to Dept: 1/14/2005  
 CID: 444  
 Water Affected: Not Reported  
 Spill Notifier: Tank Tester  
 Last Inspection: Not Reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 1/14/2005  
 Spill Record Last Update: 12/19/2005  
 Spiller Name: JEFF DEVERTEUIO  
 Spiller Company: SCHOOL

MAP FINDINGS

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049, 223 GRAHAM AVENUE, BROOKLYN, NY 11206 (Continued)**

Spiller Address: 223 GRAHM AVE  
 Spiller City,St,Zip: BROOKLYN, NY  
 Spiller County: 001  
 Spiller Contact: JEFF DEVERTEUIO  
 Spiller Phone: (718) 349-5752  
 Spiller Extention: Not Reported  
 DEC Region: 2  
 DER Facility ID: 110563  
 DEC Memo: send ttf letterSee also spill #9711161. Spill 971116 was closed and merged with this spill no. This is a NYTC school, will track down the NYC school coordinator.Spoke to Phil Frazin of A-1 Crown Leak. this is a NYC School. I will check to see if Spill response will take this over as part of the whole NYC School project.- S. Scharf August 30, 2005.11/15/2005: Lead transferred to Joe White as part of the Spill Initiative Project.12/08/2005: Mr. James Merlo, the coordinator for NYC School spills, called Joe White to indicate that the tank has been emptied and taken out of service. a certificate of abandonment will be forwarded to document this.12/19/2005: Joe White received the "Certificate of Affidavit" for abandonment of the the tank at this location. The certificate date was 2/1/2005. This abandonment is sufficient for closure of this spill report due to tanks test failure.

Remarks: PBS No: 2-356220

**Material:**

Site ID: 336264  
 Operable Unit ID: 1098301  
 Operable Unit: 01  
 Material ID: 578471  
 Material Code: 0002A  
 Material Name: #4 Fuel Oil  
 Case No.: Not Reported  
 Material FA: Petroleum  
 Quantity: Not Reported  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not Reported  
 Oxygenate: False

**Tank Test:**

Site ID: 336264  
 Spill Tank Test: 1548488  
 Tank Number: 2  
 Tank Size: 7500  
 Test Method: 03  
 Leak Rate: 0

MAP FINDINGS

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049, 223 GRAHAM AVENUE, BROOKLYN, NY 11206 (Continued)**

Gross Fail:	Not Reported
Modified By:	Watchdog
Last Modified:	1/14/2005
Test Method:	Horner EZ Check I or II
Site ID:	336264
Spill Tank Test:	1548491
Tank Number:	1
Tank Size:	7500
Test Method:	03
Leak Rate:	0
Gross Fail:	Not Reported
Modified By:	Watchdog
Last Modified:	1/14/2005
Test Method:	Horner EZ Check I or II

**AST: State and tribal registered storage tank lists** 

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-356220
Program Type:	PBS
UTM X:	589279.37416999997
UTM Y:	4506973.4511599997
Expiration Date:	06/28/2018
Site Type:	School

**Affiliation Records:**

Site Id:	17785
Affiliation Type:	Facility Owner
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	MGR
Contact Name:	MUNENDRA SHARMA
Address1:	44-36 VERNON BOULEVARD
Address2:	Not Reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
E-Mail:	JMERLO@SCHOOLS.NYC.GOV
Fax Number:	Not Reported
Modified By:	GDBREEN
Date Last Modified:	6/25/2014

Site Id:	17785
Affiliation Type:	Mail Contact
Company Name:	NYC DEPARTMENT OF EDUCATION
Contact Type:	Not Reported
Contact Name:	MUNENDRA SHARMA

MAP FINDINGS

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049, 223 GRAHAM AVENUE, BROOKLYN, NY 11206 (Continued)**

Address1: FIELD OPERATIONS - FUEL DIVISION  
 Address2: 44-36 VERNON BOULEVARD  
 City: LONG ISLAND CITY  
 State: NY  
 Zip Code: 11101  
 Country Code: 001  
 Phone: (718) 349-5752  
 EMail: MSHARMA@SCHOOLS.NYC.GOV  
 Fax Number: Not Reported  
 Modified By: NRLOMBAR  
 Date Last Modified: 6/12/2014

Site Id: 17785  
 Affiliation Type: On-Site Operator  
 Company Name: INTERMEDIATE SCHOOL 49 - BROOKLYN K049  
 Contact Type: Not Reported  
 Contact Name: PLANT OPERATIONS  
 Address1: Not Reported  
 Address2: Not Reported  
 City: Not Reported  
 State: NN  
 Zip Code: Not Reported  
 Country Code: 001  
 Phone: (718) 349-5400  
 EMail: Not Reported  
 Fax Number: Not Reported  
 Modified By: NRLOMBAR  
 Date Last Modified: 2/26/2013

Site Id: 17785  
 Affiliation Type: Emergency Contact  
 Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION  
 Contact Type: Not Reported  
 Contact Name: SCHOOL SAFETY  
 Address1: Not Reported  
 Address2: Not Reported  
 City: Not Reported  
 State: NN  
 Zip Code: Not Reported  
 Country Code: 999  
 Phone: (718) 935-3300  
 EMail: Not Reported  
 Fax Number: Not Reported  
 Modified By: GDBREEN  
 Date Last Modified: 6/30/2014

**Tank Info:**

Tank Number: 003  
 Tank Id: 223811  
 Material Code: 0001

MAP FINDINGS

**INTERMEDIATE SCHOOL 49 - BROOKLYN K049, 223 GRAHAM AVENUE, BROOKLYN, NY 11206 (Continued)**

Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

**Equipment Records:**

C01 - Pipe Location - Aboveground  
E00 - Piping Secondary Containment - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
G02 - Tank Secondary Containment - Vault (w/access)  
J02 - Dispenser - Suction Dispenser  
K00 - Spill Prevention - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
I04 - Overfill - Product Level Gauge (A/G)  
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)  
L00 - Piping Leak Detection - None  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not Reported  
Install Date: 05/18/2007  
Capacity Gallons: 10000  
Tightness Test Method: NN  
Date Test: Not Reported  
Next Test Date: Not Reported  
Date Tank Closed: Not Reported  
Register: True  
Modified By: MSBAPTIS  
Last Modified: 07/01/2013  
Material Name: #2 Fuel Oil (On-Site Consumption)

# RECORD SOURCES AND CURRENCY

To maintain currency of the following databases, EDR contacts the appropriate agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **STANDARD ENVIRONMENTAL RECORDS**

### **PRP:** Potentially Responsible Parties

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013

Source: EPA

Number of Days to Update: 72

Telephone: 202-564-6023

Last EDR Contact :09/30/2014

### **RMP:** Risk Management Plans

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/01/2014

Source: Environmental Protection Agency

Number of Days to Update: 66

Telephone: 202-564-8600

Last EDR Contact :07/22/2014

### **AIRS:** Air Emissions Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Point source emissions inventory data.

Date of Government Version: 12/31/2012

Source: Department of Environmental Conservation

Number of Days to Update: 69

Telephone: 518-402-8452

Last EDR Contact :11/10/2014

### **AST:** Petroleum Bulk Storage

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

Registered Aboveground Storage Tanks.

Date of Government Version: 07/01/2014

Source: Department of Environmental Conservation

Number of Days to Update: 50

Telephone: 518-402-9549

Last EDR Contact :10/01/2014

### **BROWNFIELDS:** Brownfields Site List

Standard Environmental Record Source: State and tribal Brownfields sites

## RECORD SOURCES AND CURRENCY

Search Distance: 0.333 Mile

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 07/16/2014

Source: Department of Environmental Conservation

Number of Days to Update: 28

Telephone: 518-402-9764

Last EDR Contact :09/25/2014

### **CBS:** Chemical Bulk Storage Site Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 07/01/2014

Source: Department of Environmental Conservation

Number of Days to Update: 50

Telephone: 518-402-9549

Last EDR Contact :10/01/2014

### **CBS AST:** Chemical Bulk Storage Database

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002

Source: NYSDEC

Number of Days to Update: 30

Telephone: 518-402-9549

Last EDR Contact :07/25/2005

### **CBS UST:** Chemical Bulk Storage Database

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002

Source: NYSDEC

Number of Days to Update: 30

Telephone: 518-402-9549

Last EDR Contact :10/24/2005

### **COAL ASH:** Coal Ash Disposal Site Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

A listing of coal ash disposal site locations.

Date of Government Version: 07/09/2014

Source: Department of Environmental Conservation

Number of Days to Update: 35

Telephone: 518-402-8660

Last EDR Contact :10/06/2014

### **CORTLAND CO. AST:** Cortland County Storage Tank Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 05/30/2014

Source: Cortland County Health Department

## RECORD SOURCES AND CURRENCY

Number of Days to Update: 14  
Last EDR Contact :09/24/2014

Telephone: 607-753-5035

### **CORTLAND CO. UST:** Cortland County Storage Tank Listing

Standard Environmental Record Source: State and tribal registered storage tank lists  
A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 05/30/2014  
Number of Days to Update: 14  
Last EDR Contact :09/24/2014

Source: Cortland County Health Department  
Telephone: 607-753-5035

### **DEL SHWS:** Delisted Registry Sites

Standard Environmental Record Source: State and tribal - equivalent CERCLIS  
Search Distance: 0.333 Mile

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 07/16/2014  
Number of Days to Update: 28  
Last EDR Contact :09/25/2014

Source: Department of Environmental Conservation  
Telephone: 518-402-9622

### **DRYCLEANERS:** Registered Drycleaners

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: 0.25 Mile

A listing of all registered drycleaning facilities.

Date of Government Version: 07/17/2014  
Number of Days to Update: 27  
Last EDR Contact :09/15/2014

Source: Department of Environmental Conservation  
Telephone: 518-402-8403

### **E DESIGNATION:** E DESIGNATION SITE LISTING

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 06/18/2014  
Number of Days to Update: 2  
Last EDR Contact :09/23/2014

Source: New York City Department of City Planning  
Telephone: 718-595-6658

### **ENG CONTROLS:** Registry of Engineering Controls

Standard Environmental Record Source: State and tribal institutional control / engineering control registries  
Search Distance: Property

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 07/16/2014  
Number of Days to Update: 28  
Last EDR Contact :09/25/2014

Source: Department of Environmental Conservation  
Telephone: 518-402-9553

### **ERP:** Environmental Restoration Program Listing

## RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: State and tribal Brownfields sites

Search Distance: 0.333 Mile

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a \$200 million Environmental Restoration or Brownfields Fund as part of the \$1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 07/16/2014

Source: Department of Environmental Conservation

Number of Days to Update: 28

Telephone: 518-402-9622

Last EDR Contact :09/25/2014

### **HIST AST:** Historical Petroleum Bulk Storage Database

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002

Source: Department of Environmental Conservation

Number of Days to Update: 48

Telephone: 518-402-9549

Last EDR Contact :10/23/2006

### **HIST LTANKS:** Listing of Leaking Storage Tanks

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002

Source: Department of Environmental Conservation

Number of Days to Update: 6

Telephone: 518-402-9549

Last EDR Contact :07/07/2005

### **HIST SPILLS:** SPILLS Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002

Source: Department of Environmental Conservation

Number of Days to Update: 6

Telephone: 518-402-9549

Last EDR Contact :07/07/2005

### **HIST UST:** Historical Petroleum Bulk Storage Database

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

## RECORD SOURCES AND CURRENCY

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002

Source: Department of Environmental Conservation

Number of Days to Update: 48

Telephone: 518-402-9549

Last EDR Contact :10/23/2006

### **HSWDS:** Hazardous Substance Waste Disposal Site Inventory

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003

Source: Department of Environmental Conservation

Number of Days to Update: 41

Telephone: 518-402-9564

Last EDR Contact :05/26/2009

### **INST CONTROL:** Registry of Institutional Controls

Standard Environmental Record Source: State and tribal institutional control / engineering control registries

Search Distance: Property

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 07/16/2014

Source: Department of Environmental Conservation

Number of Days to Update: 28

Telephone: 518-402-9553

Last EDR Contact :09/25/2014

### **LIENS:** Spill Liens Information

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Lien information from the Oil Spill Fund.

Date of Government Version: 05/21/2014

Source: Office of the State Comptroller

Number of Days to Update: 19

Telephone: 518-474-9034

Last EDR Contact :08/11/2014

### **LTANKS:** Spills Information Database

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 05/19/2014

Source: Department of Environmental Conservation

Number of Days to Update: 20

Telephone: 518-402-9549

Last EDR Contact :08/19/2014

### **MOSF:** Major Oil Storage Facility Site Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

## RECORD SOURCES AND CURRENCY

Search Distance: Property

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 07/01/2014

Source: Department of Environmental Conservation

Number of Days to Update: 50

Telephone: 518-402-9549

Last EDR Contact :10/01/2014

### **MOSF AST:** Major Oil Storage Facilities Database

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002

Source: NYSDEC

Number of Days to Update: 30

Telephone: 518-402-9549

Last EDR Contact :07/25/2005

### **MOSF UST:** Major Oil Storage Facilities Database

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002

Source: NYSDEC

Number of Days to Update: 30

Telephone: 518-402-9549

Last EDR Contact :07/25/2005

### **NASSAU CO. AST:** Registered Tank Database

Standard Environmental Record Source: State and tribal registered storage tank lists

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 11/20/2013

Source: Nassau County Health Department

Number of Days to Update: 81

Telephone: 516-571-3314

Last EDR Contact :10/06/2014

### **NASSAU CO. UST:** Registered Tank Database

Standard Environmental Record Source: State and tribal registered storage tank lists

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 11/20/2013

Source: Nassau County Health Department

Number of Days to Update: 81

Telephone: 516-571-3314

Last EDR Contact :10/06/2014

### **NCFM AST:** Storage Tank Database

Standard Environmental Record Source: State and tribal registered storage tank lists

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011

Source: Nassau County Office of the Fire Marshal

Number of Days to Update: 34

Telephone: 516-572-1000

Last EDR Contact :08/05/2014

### **NCFM UST:** Storage Tank Database

Standard Environmental Record Source: State and tribal registered storage tank lists

## RECORD SOURCES AND CURRENCY

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011

Source: Nassau County Office of the Fire Marshal

Number of Days to Update: 34

Telephone: 516-572-1000

Last EDR Contact :08/05/2014

### **NY MANIFEST:** Facility and Manifest Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/01/2014

Source: Department of Environmental Conservation

Number of Days to Update: 34

Telephone: 518-402-8651

Last EDR Contact :08/07/2014

### **RES DECL:** Restrictive Declarations Listing

Standard Environmental Record Source: State and tribal institutional control / engineering control registries

Search Distance: Property

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010

Source: NYC Department of City Planning

Number of Days to Update: 21

Telephone: 212-720-3401

Last EDR Contact :09/26/2014

### **ROCKLAND CO. AST:** Petroleum Bulk Storage Database

Standard Environmental Record Source: State and tribal registered storage tank lists

A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 06/23/2014

Source: Rockland County Health Department

Number of Days to Update: 41

Telephone: 914-364-2605

Last EDR Contact :09/08/2014

### **ROCKLAND CO. UST:** Petroleum Bulk Storage Database

Standard Environmental Record Source: State and tribal registered storage tank lists

A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 06/23/2014

Source: Rockland County Health Department

Number of Days to Update: 41

Telephone: 914-364-2605

Last EDR Contact :09/08/2014

### **SHWS:** Inactive Hazardous Waste Disposal Sites in New York State

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 07/16/2014

Source: Department of Environmental Conservation

Number of Days to Update: 28

Telephone: 518-402-9622

Last EDR Contact :09/25/2014

## RECORD SOURCES AND CURRENCY

### **SPDES:** State Pollutant Discharge Elimination System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 05/29/2014

Source: Department of Environmental Conservation

Number of Days to Update: 13

Telephone: 518-402-8233

Last EDR Contact :07/28/2014

### **SPILLS:** Spills Information Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.125 Mile

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 05/19/2014

Source: Department of Environmental Conservation

Number of Days to Update: 20

Telephone: 518-402-9549

Last EDR Contact :08/19/2014

### **SUFFOLK CO. AST:** Storage Tank Database

Standard Environmental Record Source: State and tribal registered storage tank lists

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 01/30/2014

Source: Suffolk County Department of Health Services

Number of Days to Update: 34

Telephone: 631-854-2521

Last EDR Contact :08/05/2014

### **SUFFOLK CO. UST:** Storage Tank Database

Standard Environmental Record Source: State and tribal registered storage tank lists

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 01/30/2014

Source: Suffolk County Department of Health Services

Number of Days to Update: 34

Telephone: 631-854-2521

Last EDR Contact :08/05/2014

### **SWF/LF:** Facility Register

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/08/2014

Source: Department of Environmental Conservation

Number of Days to Update: 35

Telephone: 518-457-2051

Last EDR Contact :10/06/2014

### **SWRCY:** Registered Recycling Facility List

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

## RECORD SOURCES AND CURRENCY

A listing of recycling facilities.

Date of Government Version: 07/08/2014  
Number of Days to Update: 35  
Last EDR Contact :10/06/2014

Source: Department of Environmental Conservation  
Telephone: 518-402-8705

### **SWTIRE:** Registered Waste Tire Storage & Facility List

Standard Environmental Record Source: State and tribal landfill / solid waste disposal  
Search Distance: 0.333 Mile

A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006  
Number of Days to Update: 15  
Last EDR Contact :07/21/2014

Source: Department of Environmental Conservation  
Telephone: 518-402-8694

### **TANKS:** Storage Tank Facility Listing

Standard Environmental Record Source: State and tribal registered storage tank lists  
Search Distance: 0.25 Mile

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 07/01/2014  
Number of Days to Update: 43  
Last EDR Contact :10/01/2014

Source: Department of Environmental Conservation  
Telephone: 518-402-9543

### **UIC:** Underground Injection Control Wells

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 06/09/2014  
Number of Days to Update: 54  
Last EDR Contact :09/10/2014

Source: Department of Environmental Conservation  
Telephone: 518-402-8056

### **UST:** Petroleum Bulk Storage (PBS) Database

Standard Environmental Record Source: State and tribal registered storage tank lists  
Search Distance: Property

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 07/01/2014  
Number of Days to Update: 50  
Last EDR Contact :10/01/2014

Source: Department of Environmental Conservation  
Telephone: 518-402-9549

### **VAPOR REOPENED:** Vapor Intrusion Legacy Site List

Standard Environmental Record Source: State and tribal - equivalent CERCLIS  
Search Distance: 0.333 Mile

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 04/01/2014

Source: Department of Environmental Conservation

## RECORD SOURCES AND CURRENCY

Number of Days to Update: 22  
Last EDR Contact :08/22/2014

Telephone: 518-402-9814

### **VCP:** Voluntary Cleanup Agreements

Standard Environmental Record Source: State and tribal voluntary cleanup sites  
Search Distance: 0.333 Mile

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 07/16/2014  
Number of Days to Update: 28  
Last EDR Contact :09/25/2014

Source: Department of Environmental Conservation  
Telephone: 518-402-9711

### **WESTCHESTER CO. AST:** Listing of Storage Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists  
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 06/12/2014  
Number of Days to Update: 53  
Last EDR Contact :08/05/2014

Source: Westchester County Department of Health  
Telephone: 914-813-5161

### **WESTCHESTER CO. UST:** Listing of Storage Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists  
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 06/12/2014  
Number of Days to Update: 53  
Last EDR Contact :08/05/2014

Source: Westchester County Department of Health  
Telephone: 914-813-5161

### **2020 COR ACTION:** 2020 Corrective Action Program List

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: 0.25 Mile

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011  
Number of Days to Update: 7  
Last EDR Contact :08/15/2014

Source: Environmental Protection Agency  
Telephone: 703-308-4044

### **CERCLIS:** Comprehensive Environmental Response, Compensation, and Liability Information System

Standard Environmental Record Source: Federal CERCLIS  
Search Distance: 0.333 Mile

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013  
Number of Days to Update: 94

Source: EPA  
Telephone: 703-412-9810

## RECORD SOURCES AND CURRENCY

Last EDR Contact :08/28/2014

**CERCLIS-NFRAP:** CERCLIS No Further Remedial Action Planned

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013

Source: EPA

Number of Days to Update: 94

Telephone: 703-412-9810

Last EDR Contact :08/28/2014

**COAL ASH DOE:** Sleam-Electric Plan Operation Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005

Source: Department of Energy

Number of Days to Update: 76

Telephone: 202-586-8719

Last EDR Contact :07/18/2014

**COAL ASH EPA:** Coal Combustion Residues Surface Impoundments List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 03/14/2014

Source: Environmental Protection Agency

Number of Days to Update: 47

Telephone: Not Reported

Last EDR Contact :09/10/2014

**CONSENT:** Superfund (CERCLA) Consent Decrees

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013

Source: Department of Justice, Consent Decree Library

Number of Days to Update: 31

Telephone: Varies

Last EDR Contact :09/30/2014

**CORRACTS:** Corrective Action Report

Standard Environmental Record Source: Federal RCRA CORRACTS facilities list

Search Distance: 0.333 Mile

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/10/2014

Source: EPA

Number of Days to Update: 78

Telephone: 800-424-9346

Last EDR Contact :10/01/2014

## RECORD SOURCES AND CURRENCY

### **DEBRIS REGION 9:** Torres Martinez Reservation Illegal Dump Site Locations

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009

Source: EPA, Region 9

Number of Days to Update: 137

Telephone: 415-947-4219

Last EDR Contact :07/25/2014

### **DELISTED NPL:** National Priority List Deletions

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013

Source: EPA

Number of Days to Update: 78

Telephone: Not Reported

Last EDR Contact :10/08/2014

### **DOT OPS:** Incident and Accident Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012

Source: Department of Transportation, Office of Pipeline Safety

Number of Days to Update: 42

Telephone: 202-366-4595

Last EDR Contact :08/06/2014

### **EPA WATCH LIST:** EPA WATCH LIST

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013

Source: Environmental Protection Agency

Number of Days to Update: 88

Telephone: 617-520-3000

Last EDR Contact :08/15/2014

### **ERNS:** Emergency Response Notification System

Standard Environmental Record Source: Federal ERNS list

Search Distance: Property

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013

Source: National Response Center, United States Coast Guard

Number of Days to Update: 66

Telephone: 202-267-2180

## RECORD SOURCES AND CURRENCY

Last EDR Contact :09/30/2014

### **FEMA UST:** Underground Storage Tank Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010

Source: FEMA

Number of Days to Update: 55

Telephone: 202-646-5797

Last EDR Contact :10/10/2014

### **FINDS:** Facility Index System/Facility Registry System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013

Source: EPA

Number of Days to Update: 13

Telephone: Not Reported

Last EDR Contact :09/10/2014

### **FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Number of Days to Update: 25

Telephone: 202-566-1667

Last EDR Contact :08/19/2014

### **FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Standard Environmental Record Source: Other Standard Environmental Records

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009

Source: EPA

Number of Days to Update: 25

Telephone: 202-566-1667

Last EDR Contact :08/19/2014

### **FUDS:** Formerly Used Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 06/06/2014

Source: U.S. Army Corps of Engineers

Number of Days to Update: 8

Telephone: 202-528-4285

## RECORD SOURCES AND CURRENCY

Last EDR Contact :09/10/2014

**HIST FTTS:** FIFRA/TSCA Tracking System Administrative Case Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006

Source: Environmental Protection Agency

Number of Days to Update: 40

Telephone: 202-564-2501

Last EDR Contact :12/17/2007

**HMIRS:** Hazardous Materials Information Reporting System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/2014

Source: U.S. Department of Transportation

Number of Days to Update: 79

Telephone: 202-366-4555

Last EDR Contact :10/01/2014

**ICIS:** Integrated Compliance Information System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 05/06/2014

Source: Environmental Protection Agency

Number of Days to Update: 32

Telephone: 202-564-5088

Last EDR Contact :10/10/2014

**INDIAN LUST R1:** Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013

Source: EPA Region 1

Number of Days to Update: 184

Telephone: 617-918-1313

Last EDR Contact :08/01/2014

**INDIAN LUST R10:** Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/20/2014

Source: EPA Region 10

Number of Days to Update: 73

Telephone: 206-553-2857

Last EDR Contact :04/28/2014

**INDIAN LUST R4:** Leaking Underground Storage Tanks on Indian Land

## RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: State and tribal leaking storage tank lists  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014                      Source: EPA Region 4  
Number of Days to Update: 10                                      Telephone: 404-562-8677  
Last EDR Contact :04/22/2014

**INDIAN LUST R5:** Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 08/04/2014                      Source: EPA, Region 5  
Number of Days to Update: 17                                      Telephone: 312-886-7439  
Last EDR Contact :04/28/2014

**INDIAN LUST R6:** Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/14/2014                      Source: EPA Region 6  
Number of Days to Update: 61                                      Telephone: 214-665-6597  
Last EDR Contact :07/22/2014

**INDIAN LUST R7:** Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/22/2014                      Source: EPA Region 7  
Number of Days to Update: 27                                      Telephone: 913-551-7003  
Last EDR Contact :04/28/2014

**INDIAN LUST R8:** Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/13/2014                      Source: EPA Region 8  
Number of Days to Update: 7                                        Telephone: 303-312-6271  
Last EDR Contact :07/22/2014

**INDIAN LUST R9:** Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013                      Source: Environmental Protection Agency  
Number of Days to Update: 42                                      Telephone: 415-972-3372  
Last EDR Contact :07/22/2014

**INDIAN ODI:** Report on the Status of Open Dumps on Indian Lands

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: 0.333 Mile

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998                      Source: Environmental Protection Agency

## RECORD SOURCES AND CURRENCY

Number of Days to Update: 52  
Last EDR Contact :08/01/2014

Telephone: 703-308-8245

### **INDIAN UST R1:** Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists  
Search Distance: Property

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013  
Number of Days to Update: 271  
Last EDR Contact :08/01/2014

Source: EPA, Region 1  
Telephone: 617-918-1313

### **INDIAN UST R10:** Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/20/2014  
Number of Days to Update: 66  
Last EDR Contact :07/22/2014

Source: EPA Region 10  
Telephone: 206-553-2857

### **INDIAN UST R4:** Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 07/30/2014  
Number of Days to Update: 10  
Last EDR Contact :04/22/2014

Source: EPA Region 4  
Telephone: 404-562-9424

### **INDIAN UST R5:** Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/04/2014  
Number of Days to Update: 17  
Last EDR Contact :04/28/2014

Source: EPA Region 5  
Telephone: 312-886-6136

### **INDIAN UST R6:** Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 07/25/2014  
Number of Days to Update: 25  
Last EDR Contact :07/22/2014

Source: EPA Region 6  
Telephone: 214-665-7591

### **INDIAN UST R7:** Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

## RECORD SOURCES AND CURRENCY

Date of Government Version: 08/20/2014  
Number of Days to Update: 27  
Last EDR Contact :04/28/2014

Source: EPA Region 7  
Telephone: 913-551-7003

### **INDIAN UST R8:** Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/13/2014  
Number of Days to Update: 7  
Last EDR Contact :07/22/2014

Source: EPA Region 8  
Telephone: 303-312-6137

### **INDIAN UST R9:** Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/14/2014  
Number of Days to Update: 7  
Last EDR Contact :07/22/2014

Source: EPA Region 9  
Telephone: 415-972-3368

### **INDIAN VCP R1:** Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites  
Search Distance: 0.333 Mile

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 05/30/2014  
Number of Days to Update: 45  
Last EDR Contact :10/01/2014

Source: EPA, Region 1  
Telephone: 617-918-1102

### **INDIAN VCP R7:** Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008  
Number of Days to Update: 27  
Last EDR Contact :04/20/2009

Source: EPA, Region 7  
Telephone: 913-551-7365

### **LEAD SMELTER 1:** Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014  
Number of Days to Update: 46  
Last EDR Contact :10/06/2014

Source: Environmental Protection Agency  
Telephone: 703-603-8787

### **LEAD SMELTER 2:** Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

## RECORD SOURCES AND CURRENCY

Date of Government Version: 04/05/2001  
Number of Days to Update: 36  
Last EDR Contact :12/02/2009

Source: American Journal of Public Health  
Telephone: 703-305-6451

### **LIENS 2:** CERCLA Lien Information

Standard Environmental Record Source: Federal CERCLIS  
Search Distance: Property

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014  
Number of Days to Update: 37  
Last EDR Contact :07/22/2014

Source: Environmental Protection Agency  
Telephone: 202-564-6023

### **LUCIS:** Land Use Control Information System

Standard Environmental Record Source: Federal institutional controls / engineering controls registries  
Search Distance: 0.333 Mile

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2014  
Number of Days to Update: 18  
Last EDR Contact :08/14/2014

Source: Department of the Navy  
Telephone: 843-820-7326

### **MLTS:** Material Licensing Tracking System

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013  
Number of Days to Update: 91  
Last EDR Contact :09/08/2014

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

### **NPL:** National Priority List

Standard Environmental Record Source: Federal NPL  
Search Distance: 0.333 Mile

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013  
Number of Days to Update: 78  
Last EDR Contact :10/08/2014

Source: EPA  
Telephone: Not Reported

### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-566-0690

## RECORD SOURCES AND CURRENCY

EPA Region 1  
Telephone: 617-918-1102

EPA Region 2  
Telephone: 212-637-4293

EPA Region 3  
Telephone: 215-814-5418

EPA Region 4  
Telephone: 404-562-8681

EPA Region 5  
Telephone: 312-353-1063

EPA Region 6  
Telephone: 214-655-6659

EPA Region 7  
Telephone: 913-551-7247

EPA Region 8  
Telephone: 303-312-6118

EPA Region 9  
Telephone: 415-947-4579

EPA Region 10  
Telephone: 206-553-4479

### **NPL LIENS:** Federal Superfund Liens

Standard Environmental Record Source: Federal NPL

Search Distance: Property

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991

Source: EPA

Number of Days to Update: 56

Telephone: 202-564-4267

Last EDR Contact :08/15/2011

### **ODI:** Open Dump Inventory

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985

Source: Environmental Protection Agency

Number of Days to Update: 39

Telephone: 800-424-9346

Last EDR Contact :06/09/2004

### **PADS:** PCB Activity Database System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013

Source: EPA

Number of Days to Update: 107

Telephone: 202-566-0500

Last EDR Contact :10/15/2014

### **PCB TRANSFORMER:** PCB Transformer Registration Database

# RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011                      Source: Environmental Protection Agency  
Number of Days to Update: 83                                      Telephone: 202-566-0517  
Last EDR Contact :08/01/2014

**Proposed NPL:** Proposed National Priority List Sites

Standard Environmental Record Source: Federal NPL  
Search Distance: 0.333 Mile

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet their requirements for listing.

Date of Government Version: 10/25/2013                      Source: EPA  
Number of Days to Update: 78                                      Telephone: Not Reported  
Last EDR Contact :10/08/2014

**RAATS:** RCRA Administrative Action Tracking System

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995                      Source: EPA  
Number of Days to Update: 35                                      Telephone: 202-564-4104  
Last EDR Contact :06/02/2008

**RADINFO:** Radiation Information Database

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/07/2014                      Source: Environmental Protection Agency  
Number of Days to Update: 18                                      Telephone: 202-343-9775  
Last EDR Contact :10/08/2014

**RCRA NonGen / NLR:** RCRA - Non Generators

Standard Environmental Record Source: Other Standard Environmental Records  
Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/10/2014                      Source: Environmental Protection Agency  
Number of Days to Update: 78                                      Telephone: 703-308-8895  
Last EDR Contact :10/01/2014

## RECORD SOURCES AND CURRENCY

### **RCRA-CESQG:** RCRA - Conditionally Exempt Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014

Source: Environmental Protection Agency

Number of Days to Update: 78

Telephone: 703-308-8895

Last EDR Contact :10/01/2014

### **RCRA-LQG:** RCRA - Large Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014

Source: Environmental Protection Agency

Number of Days to Update: 78

Telephone: 703-308-8895

Last EDR Contact :10/01/2014

### **RCRA-SQG:** RCRA - Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/10/2014

Source: Environmental Protection Agency

Number of Days to Update: 78

Telephone: 703-308-8895

Last EDR Contact :10/01/2014

### **RCRA-TSDF:** RCRA - Treatment, Storage and Disposal

Standard Environmental Record Source: Federal RCRA TSD facilities list

Search Distance: 0.333 Mile

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/10/2014

Source: Environmental Protection Agency

Number of Days to Update: 78

Telephone: 703-308-8895

Last EDR Contact :10/01/2014

### **ROD:** Records Of Decision

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

## RECORD SOURCES AND CURRENCY

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013

Source: EPA

Number of Days to Update: 74

Telephone: 703-416-0223

Last EDR Contact :09/09/2014

### **SCRD DRYCLEANERS:** State Coalition for Remediation of Drycleaners Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011

Source: Environmental Protection Agency

Number of Days to Update: 54

Telephone: 615-532-8599

Last EDR Contact :07/25/2014

### **SSTS:** Section 7 Tracking Systems

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009

Source: EPA

Number of Days to Update: 77

Telephone: 202-564-4203

Last EDR Contact :07/22/2014

### **TRIS:** Toxic Chemical Release Inventory System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011

Source: EPA

Number of Days to Update: 44

Telephone: 202-566-0250

Last EDR Contact :08/29/2014

### **TSCA:** Toxic Substances Control Act

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006

Source: EPA

Number of Days to Update: 64

Telephone: 202-260-5521

Last EDR Contact :09/26/2014

### **UMTRA:** Uranium Mill Tailings Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

## RECORD SOURCES AND CURRENCY

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010

Source: Department of Energy

Number of Days to Update: 146

Telephone: 505-845-0011

Last EDR Contact :08/20/2014

### **US AIRS (AFS):** Aerometric Information Retrieval System Facility Subsystem (AFS)

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013

Source: EPA

Number of Days to Update: 30

Telephone: 202-564-2496

Last EDR Contact :09/29/2014

### **US AIRS MINOR:** Air Facility System Data

Standard Environmental Record Source: Other Standard Environmental Records

A listing of minor source facilities.

Date of Government Version: 10/23/2013

Source: EPA

Number of Days to Update: 30

Telephone: 202-564-2496

Last EDR Contact :09/29/2014

### **US BROWNFIELDS:** A Listing of Brownfields Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 07/01/2014

Source: Environmental Protection Agency

Number of Days to Update: 25

Telephone: 202-566-2777

Last EDR Contact :09/23/2014

### **US CDL:** Clandestine Drug Labs

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014

Source: Drug Enforcement Administration

Number of Days to Update: 25

Telephone: 202-307-1000

## RECORD SOURCES AND CURRENCY

Last EDR Contact :09/03/2014

### **US ENG CONTROLS:** Engineering Controls Sites List

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 06/23/2014

Source: Environmental Protection Agency

Number of Days to Update: 65

Telephone: 703-603-0695

Last EDR Contact :09/08/2014

### **US FIN ASSUR:** Financial Assurance Information

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2014

Source: Environmental Protection Agency

Number of Days to Update: 38

Telephone: 202-566-1917

Last EDR Contact :08/14/2014

### **US HIST CDL:** National Clandestine Laboratory Register

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014

Source: Drug Enforcement Administration

Number of Days to Update: 25

Telephone: 202-307-1000

Last EDR Contact :09/03/2014

### **US INST CONTROL:** Sites with Institutional Controls

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 06/23/2014

Source: Environmental Protection Agency

Number of Days to Update: 65

Telephone: 703-603-0695

Last EDR Contact :09/08/2014

### **US MINES:** Mines Master Index File

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

## RECORD SOURCES AND CURRENCY

Date of Government Version: 01/30/2014

Source: Department of Labor, Mine Safety and Health Administration

Number of Days to Update: 132

Telephone: 303-231-5959

Last EDR Contact :09/04/2014

### **DOD:** Department of Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005

Source: USGS

Number of Days to Update: 62

Telephone: 888-275-8747

Last EDR Contact :10/15/2014

### **INDIAN RESERV:** Indian Reservations

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005

Source: USGS

Number of Days to Update: 34

Telephone: 202-208-3710

Last EDR Contact :10/15/2014

### **PWS:** Public Water System Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 12/17/2013

Source: EPA

Number of Days to Update: 279

Telephone: Not Reported

Last EDR Contact :09/08/2014

# RECORD SOURCES AND CURRENCY

## HISTORICAL USE RECORDS

### **RGA HWS:** Recovered Government Archive State Hazardous Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: Not Reported

Source: Department of Environmental Conservation

Number of Days to Update: 182

Telephone: Not Reported

Last EDR Contact :06/01/2012

### **RGA LF:** Recovered Government Archive Solid Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: Not Reported

Source: Department of Environmental Conservation

Number of Days to Update: 193

Telephone: Not Reported

Last EDR Contact :06/01/2012

### **EDR MGP:** EDR Proprietary Manufactured Gas Plants

Standard Environmental Record Source: Former manufactured Gas Plants

Search Distance: 0.333 Mile

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: 08/28/2009

Source: EDR, Inc.

Number of Days to Update: 55

Telephone: Not Reported

Last EDR Contact :11/30/2012

### **EDR US Hist Auto Stat:** EDR Exclusive Historic Gas Stations

Standard Environmental Record Source: Historical Gas Stations

Search Distance: 0.25 Mile

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

### **EDR US Hist Cleaners:** EDR Exclusive Historic Dry Cleaners

Standard Environmental Record Source: Historical Dry Cleaners

## RECORD SOURCES AND CURRENCY

Search Distance: 0.25 Mile

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

# RECORD SOURCES AND CURRENCY

## TOPOGRAPHIC INFORMATION

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5' minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>®</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW<sup>®</sup> Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### **STATSGO: State Soil Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services. The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### **SSURGO: Soil Survey Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

## STREET AND ADDRESS INFORMATION

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# APPENDIX I

## PRIOR REPORTS

November 11, 2014

Mr. Yoram Barel  
Adam America Real Estate  
850 Third Avenue, Suite 13 D  
New York, NY 10022

**Re: 771-781 Metropolitan, Brooklyn, NY  
Block 2760 Lots 28 and 35**

Dear Mr. Barel:

Environmental Business Consultants (EBC) performed a Phase II subsurface investigation at the above referenced property from September 11 through October 10, 2014 to assess the environmental condition of the property. The purpose of the investigation was to further assess conditions identified in a Phase I Environmental Site Assessment Report (EBC 2014).

### **Property Description**

The Site consists of a single tax lot which is located on the north side of Metropolitan Avenue in the East Williamsburg Section of the Borough of Brooklyn, City of New York, Kings County, New York (**Figure 1**). The Street address associated with the Site is 771-785 Metropolitan Avenue, Brooklyn, New York 11211 and is identified as Block 2760 and Lots 28 and 35 on the New York City (NYC) Tax Map. Combined the lots have a total area of 15,937 square feet (s.f.) and approximately 150 feet of street frontage on Metropolitan Avenue.

The Site is developed with two (2) single-story commercial buildings. Both buildings are currently vacant. The 771 building was most recently used as a shoe store. The 781 building was a White Castle restaurant.

### **Phase I Summary**

The property was developed prior to 1887 with three two-story dwellings, two of which with basements, two single-story carpenters facilities, two stables, a wagon house, two single-story stores and five small single-story structures. In 1905 the Site contained four stables, one carpenter, a single-story building containing rags, another with an office, two small single-story buildings, two stores, one single - and one two-story. The dwellings no longer exist and there is now an open space on the west side of the lot designated as junk. In 1916 the office, a stable and the junk space has now been developed into a rags and paper facility, wagon shed and stable. One of the stables has been replaced with a building designated for hay and feed along with a small stable. The building containing rags is now designated for junk.

In 1942, the rags and paper facility, wagon shed and stable remain the same on the west side of the lot, and the rest of the lot now contains a building containing automobiles, three small single-story structures, and the rest is designated as a pipe yard. A small portion of the northeast side of the current day Site contains the corner of an adjacent building, which in 1942

was being used as an auto repair shop. In 1951 the rags and paper stock building now includes the hay and feed building and the stable. The pipe yard now contains one additional small single-story building. The building on the south side of the lot that contained automobiles is now an iron pipe shop. In 1965 one of the single story structures, in the southeast corner of the lot, is serving as an office.

In 1978 the rags and paper facility is now for waste paper and one of the structures in the center of the pipe yard has been expanded east and south. In 1989 the waste paper facility remains on the west side of the lot remains, and the rest of the Site is now undeveloped except for a commercial building at the center of the Site labeled 'iron'. The site still contains the small portion of the auto repair shop at the northeast corner and it remains this way until at least 2007. In 2008 the commercial building became a fast food restaurant, White Castle, and in 2013 the waste paper facility is listed as a basement corporation.

Based on the reconnaissance of the Site and surrounding properties, interviews and review of historical records and regulatory agency databases, the Phase I Report did not identify any recognized environmental conditions in connection with the Site

The Phase I did note that the properties were both assigned E-designations for Hazmat (E-232) during the Greenpoint - Williamsburg Contextual Rezoning action completed by the City in 2009. In addition Lot 28 also has an E-designation for Noise and Air.

### **Subsurface Investigation**

The field work portion of the investigation was performed on September 11 through October 10, 2014. The work consisted of the installation of eleven soil borings, three monitoring wells and six soil gas implants and the collection and analysis of related samples.

#### *Soil Borings*

Seven soil boring locations (B1 through B7) were selected as shown on **Figure 2** to gain representative soil quality information from across the site. Due to a high lead concentration in boring B5 on Lot 35, four lead delineation borings (B8-B11) were added on October 10.

All borings were advanced with Geoprobe™ direct push equipment using either a 54LT or 6712DT track mounted probe. Soil samples were collected continuously using either a 4 ft or 5 ft dual tube sampling system with disposable acetate liners. Borings B1-B7 were advanced to a depth of 15 feet. Delineation borings B8-B11 were advanced to a total depth of 6 feet. Retrieved sample cores were characterized by an Environmental Professional and field screened for the presence of volatile organic compounds (VOCs) using a photo-ionization detector (PID).

Two soil samples were retained from borings B1-B7 including the 0-2 ft and either the 8-10 or 12-14 ft intervals. Samples from the delineation borings included samples from the 0-2, 2-4 and 4-6 ft intervals with the exception of boring B8 in which only the 2-4 ft interval was obtained. Subsurface obstructions at this location prevented the collection of the additional intervals.

Soil was characterized as a brown silty-sand with some historic fill material mixed in from surface grade to approximately 3 feet below grade followed by a brown silty-sand to the termination depth. Groundwater was present at approximately 24 ft below grade.

#### *Groundwater*

EBC installed three monitoring wells (MW1- MW3) on September 11, 2014 as shown on **Figure 2**. Monitoring wells were constructed of 1" PVC with 10 feet of 0.10 slotted screen set to intersect the water table. Groundwater samples were collected from each monitoring well utilizing a peristaltic pump with a stainless steel check valve and dedicated polyethylene tubing.

#### *Soil Gas*

A total of six soil gas sampling points were installed across the site, as shown on **Figure 2**. All soil gas sampling locations (SG1 through SG6) were installed to a depth of 12 feet below grade.

Prior to sampling, each sampling location was tested to ensure a proper surface seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1ft by 1ft square sheet of plastic adhered to a wetted layer of granular bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector. No surface seal leaks were observed at any of the locations.

Following verification that the surface seal was tight, one to three volumes of air was purged from the implant using a vacuum pump. After purging, a 6-liter SUMMA® canister, fitted with a 2-hour regulator, was attached to the surface tube of each of the implants.

Sample SG3 could not be obtained due to a malfunction with the summa canister. The remaining five soil gas samples were collected and submitted to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301) for analysis of volatile organic compounds (VOCs) by method TO-15.

#### *Sample Handling and Analysis*

Collected samples were appropriately packaged, placed in coolers and shipped via laboratory dispatched courier for delivery to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301).

Soil samples from borings B1-B7 were analyzed for volatile organic compounds (VOCs) by USEPA method 8260, semi-volatile organic Compounds (SVOCs) by USEPA method 8270, pesticides / PCBs by USEPA method 8081/8082 and TAL metals. Soil samples from the

delineation borings (B8-B11) were analyzed for total lead and TCLP lead. Groundwater samples were analyzed for VOCs by USEPA method 8260. Soil gas samples were analyzed for VOCs by EPA method TO15.

## Results

### *Soil*

Soil sample results were compared to the Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives (SCOs) as presented in NYSDEC CP51 Soil Cleanup Guidance (10/21/10). Analytical data for the soil samples are summarized in **Tables 1-4** and a copy of the laboratory analytical report is included in **Appendix A**.

As presented in the attached table, there was one VOC, acetone (maximum 340 µg/Kg), found in five out of sixteen samples. SVOCs including benz(a)anthracene, benzo(a)pyrene, benzo(a)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene and indeno(1,2,3-cd)pyrene were reported above unrestricted and / or restricted residential SCOs in the 0-2 ft interval at four boring locations. PCB-1260 (maximum 160 µg/Kg) was found in two shallow wells above Unrestricted Use SCOs. Metals including arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, silver and zinc were reported above unrestricted and / or restricted residential SCOs in the 0-2 ft sample all seven shallow borings and lead was found above unrestricted SCOs in one deep interval (B5 8-10ft). In addition lead was found above the TCLP threshold of 5 ug/L in borings B5, B8 and B11.

### *Groundwater*

Groundwater results were compared to the New York State Ambient Water Quality Standards and Guidance Values (6 NYCRR Part 703) as presented in the Technical & Operational Guidance Series (TOGS) 1.1.1 (1998). Analytical data for the groundwater samples are summarized in **Table 1**. A copy of the laboratory analytical report is provided in **Appendix A**.

As presented in **Tables 5-8**, there were two VOCs detected above groundwater standards in the groundwater samples, acetone (maximum 800 µg/L) and benzene (maximum 0.79 µg/L). Note that acetone is a common laboratory introduced contaminant.

### *Soil Vapor*

Soil vapor results, as summarized in **Table 9**, show low levels of petroleum VOCs. Tetrachloroethene (PCE) was reported in all five samples at concentrations ranging from 1.83 to 42.9 ug/m<sup>3</sup>. TCE was reported in two of the five samples at concentrations ranging from 2.42 to 9.5 ug/m<sup>3</sup>. A copy of the laboratory analytical report is included in **Appendix A**.

## Conclusions and Recommendations

Subsurface soil at the site consisted of urban fill, which was primarily comprised of brick, concrete, and other debris in a brown sandy matrix to a depth of approximately 3 feet, underlain by native silty-sand to the termination depth of 15 feet below grade. Groundwater is present at a depth of approximately 24 feet below surface grade.

With the exception of acetone, a common laboratory introduced contaminant, there were no VOCs reported above SCOs in any of the soil samples analyzed. The SVOCs, PCBs and metals reported above SCOs are all related to the fill material present on-site and do not indicate a release associated with historic use of the property.

Lead was reported at high concentrations in the 0-2 ft interval of B5. Further delineation of this condition identified an approximate 650 sf area with lead above the TCLP limit to depths of between 2 and 4 ft. Note that under a redevelopment scenario this area will need to be excavated and disposed of separately from the rest of the fill present on -site. Costs for soil disposal with lead above the TCLP criteria will be approximately \$ 125/ton and require an EPA ID number. NYS Waste generation fees will be waived in this case since the work would be part of a redevelopment project performed under the NYC Voluntary Cleanup program.

Two VOCs were reported above groundwater standards, benzene at 0.79 ug/L in MW1 and acetone at 800 ug/L in MW3. Acetone is a common laboratory introduced contaminant which is unlikely to be related to the historic use of the property. The low level of benzene is not of concern and is likely associated with background conditions.

The petroleum VOCs and CVOCs reported in soil gas were also consistent with background conditions in the area. Such detections are commonly reported in soil gas samples in current or former commercial areas of Brooklyn. The PCE and TCE concentrations reported were below recommended NYSDOH mitigation levels. Based on our experience a passive subslab venting system may be required under a redevelopment scenario along with an upgraded vapor barrier (20 mil) which is required on all redevelopment projects with an E-designation. If this portion of the Site were to remain open or if it were to be used for parking then the venting system would not be needed.

Based on the results of the investigation, the past uses of the site have not impacted the environmental condition of the property and no further investigation is warranted. The property does have an E-designation which will require proper handling and disposal of the identified fill materials if the property were to be redeveloped and excavated. In addition, the soil from an approximate 650 ft x 4 foot area which failed the TCLP criteria will require disposal at a New Jersey hazardous waste disposal facility. Please call if you have any questions or would like to discuss the project further.

Very truly yours,

**Environmental Business Consultant**

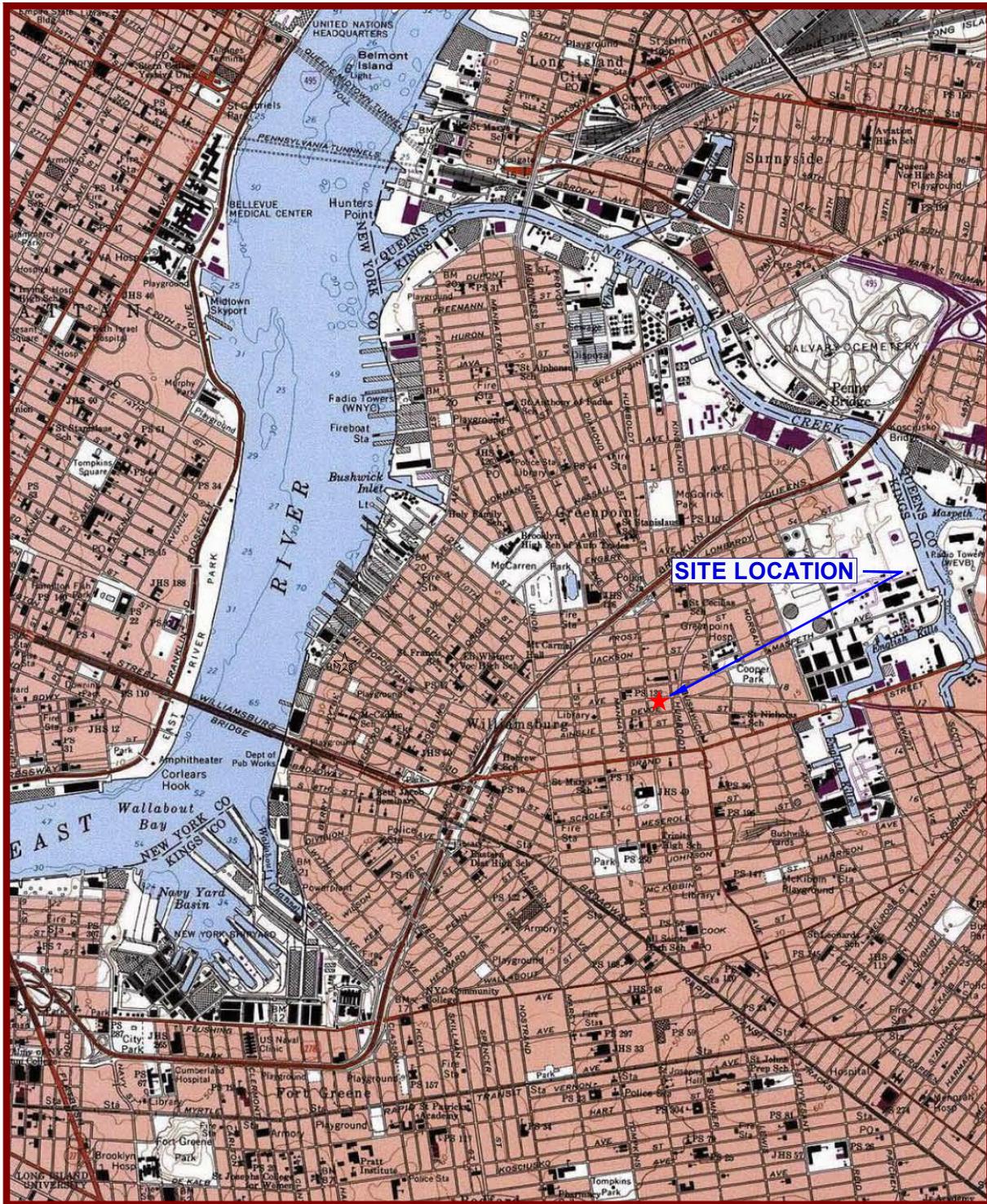


Taylor Hard  
Geologist/Environmental Scientist



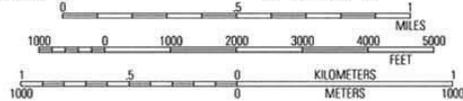
Charles B. Sosik, P.G., P.H.G.  
Principal

# **FIGURES**



40°45.000' N  
40°44.000' N  
40°43.000' N  
40°42.000' N

73°59.000' W      73°58.000' W      73°57.000' W      WGS84 73°56.000' W



MN|TN  
13°  
06/04/11

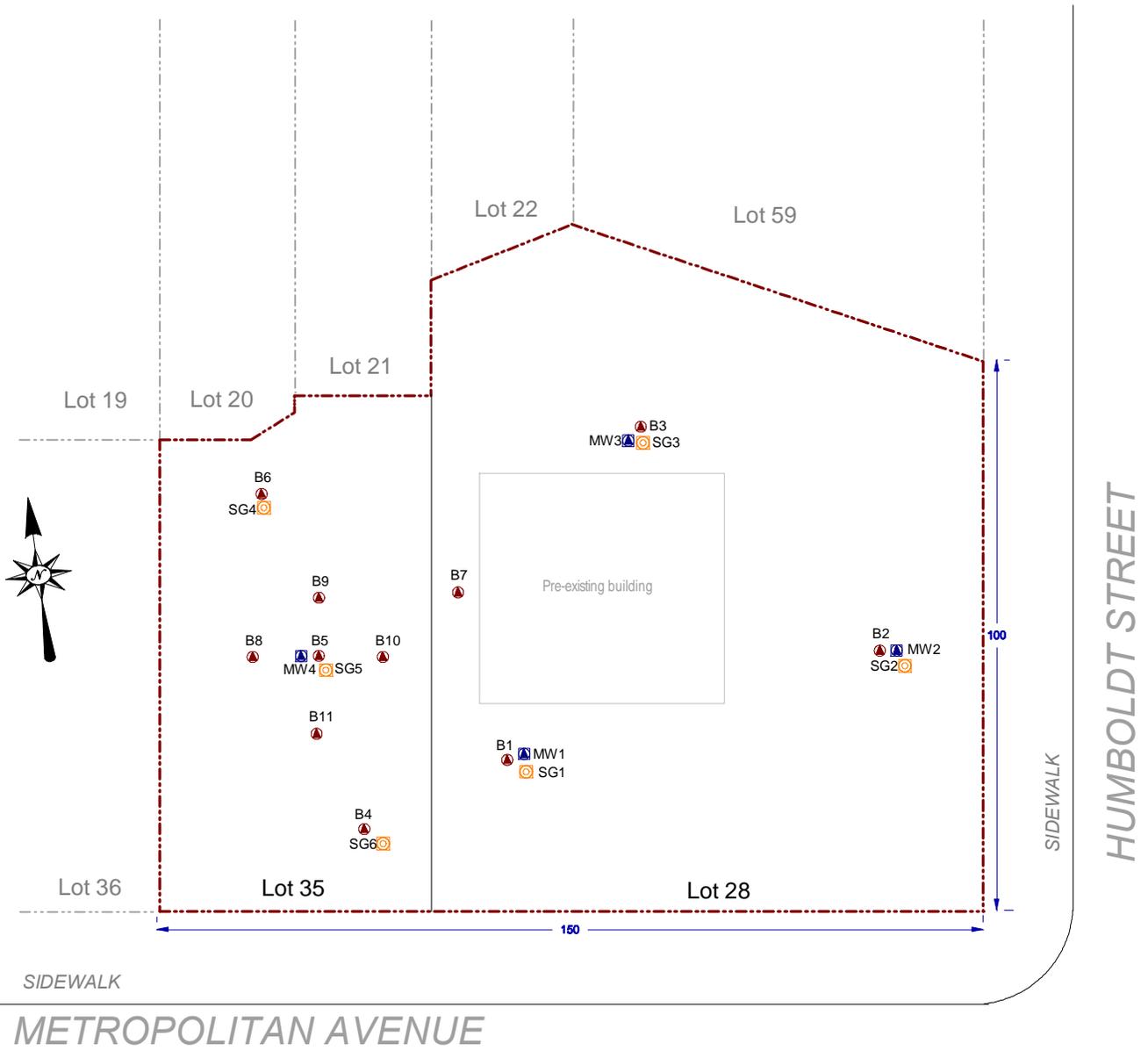
USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

**EBC**  
Environmental Business Consultants

Phone 631.504.6000  
Fax 631.924.2870

771-781 METROPOLITAN AVENUE  
Brooklyn, NY

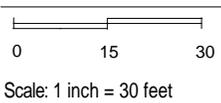
**FIGURE 1** Site Location Map



**KEY:**

- Property Boundary
- Groundwater Sampling Location
- Soil Boring Location
- Soil Gas Sampling Location

**SCALE:**



Phone 631.504.6000  
Fax 631.924.2870

**Figure No.**  
**2**

Site Name: **Redevelopment Project**  
 Site Address: **771-781 Metropolitan Avenue, Brooklyn, NY**  
 Drawing Title: **Site Plan**

# ***TABLES***

Table 1  
 771-785 Metropolitan Avenue,  
 Brooklyn, NY  
 Soil Boring / Well Information

SAMPLE ID	Date	Total Depth (ft)	Diameter (in)	Construction Materials	Screen Length (ft)	DTW (ft)
B1	9/11/2014	15	2	Geoprobe Direct Push	-	-
B2	9/11/2014	15	2	Geoprobe Direct Push	-	-
B3	9/11/2014	15	2	Geoprobe Direct Push	-	-
B4	9/15/2014	10	2	Geoprobe Direct Push	-	-
B5	9/15/2014	10	2	Geoprobe Direct Push	-	-
B6	9/15/2014	16	2	Geoprobe Direct Push	-	-
B7	10/10/2014	16	2	Geoprobe Direct Push	-	-
B8	10/10/2014	8	2	Geoprobe Direct Push	-	-
B9	10/10/2014	8	2	Geoprobe Direct Push	-	-
B10	10/10/2014	8	2	Geoprobe Direct Push	-	-
B11	10/10/2014	8	2	Geoprobe Direct Push	-	-
MW1	9/25/2014	40	1	PVC	10.00	23.92
MW2	9/25/2014	40	1	PVC	10.00	24.70
MW3	9/25/2014	35	1	PVC	10.00	24.41

TABLE 2A  
785 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3			
			(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1,1-Trichloroethane	680	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1,2,2-Tetrachloroethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1,2-Trichloroethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1-Dichloroethane	270	26,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1-Dichloroethene	330	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1-Dichloropropene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2,3-Trichlorobenzene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2,3-Trichloropropane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2,4-Trichlorobenzene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2,4-Trimethylbenzene	3,600	52,000	<b>1.2</b>	8.2	< 9.5	9.5	<b>2.1</b>	9	< 7.4	7.4	< 11	11	< 13	13
1,2-Dibromo-3-chloropropane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2-Dibromomethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2-Dichlorobenzene	1,100	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2-Dichloroethane	20	3,100	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2-Dichloropropane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,3,5-Trimethylbenzene	8,400	52,000	<b>1.9</b>	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,3-Dichlorobenzene	2,400	4,900	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,3-Dichloropropane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,4-Dichlorobenzene	1,800	13,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
2,2-Dichloropropane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
2-Chlorotoluene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
2-Hexanone (Methyl Butyl Ketone)			< 41	41	< 47	47	< 45	45	< 37	37	< 53	53	< 67	67
2-Isopropyltoluene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
4-Chlorotoluene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
4-Methyl-2-Pentanone			< 41	41	< 47	47	< 45	45	< 37	37	< 53	53	< 67	67
Acetone	50	100,000	<b>25</b>	50	<b>11</b>	50	<b>82</b>	45	<b>19</b>	50	<b>340</b>	110	<b>15</b>	50
Acrylonitrile			< 16	16	< 19	19	< 18	18	< 15	15	< 21	21	< 27	27
Benzene	60	4,800	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Bromobenzene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Bromochloromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Bromodichloromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Bromoforn			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Bromomethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Carbon Disulfide			<b>3.2</b>	8.2	<b>2.9</b>	9.5	<b>17</b>	9	< 7.4	7.4	<b>8</b>	11	< 13	13
Carbon tetrachloride	760	2,400	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Chlorobenzene	1,100	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Chloroethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Chloroform	370	49,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Chloromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
cis-1,2-Dichloroethene	250	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
cis-1,3-Dichloropropene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Dibromochloromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Dibromomethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Dichlorodifluoromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Ethylbenzene	1,000	41,000	< 8.2	8.2	< 9.5	9.5	<b>2.8</b>	9	< 7.4	7.4	< 11	11	< 13	13
Hexachlorobutadiene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Isopropylbenzene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
m&p-Xylenes	260	100,000	<b>4</b>	8.2	< 9.5	9.5	<b>14</b>	9	< 7.4	7.4	< 11	11	< 13	13
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 49	49	< 57	57	<b>11</b>	54	< 44	44	<b>45</b>	63	< 81	81
Methyl t-butyl ether (MTBE)	930	100,000	< 16	16	< 19	19	< 18	18	< 15	15	< 21	21	< 27	27
Methylene chloride	50	100,000	<b>1.9</b>	8.2	<b>1.9</b>	9.5	<b>2</b>	9	< 7.4	7.4	<b>2.3</b>	11	<b>3.1</b>	13
Naphthalene	12,000	100,000	< 8.2	8.2	< 9.5	9.5	<b>390</b>	320	< 7.4	7.4	< 11	11	< 13	13
n-Butylbenzene	12,000	100,000	<b>1.8</b>	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
n-Propylbenzene	3,900	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
o-Xylene	260	100,000	<b>6.5</b>	8.2	< 9.5	9.5	<b>15</b>	9	< 7.4	7.4	< 11	11	< 13	13
p-Isopropyltoluene			<b>1.8</b>	8.2	< 9.5	9.5	<b>1.3</b>	9	< 7.4	7.4	< 11	11	< 13	13
sec-Butylbenzene	11,000	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Styrene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
tert-Butylbenzene	5,900	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Tetrachloroethene	1,300	19,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Tetrahydrofuran (THF)			< 16	16	< 19	19	< 18	18	< 15	15	< 21	21	< 27	27
Toluene	700	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	<b>48</b>	290	< 13	13
trans-1,2-Dichloroethene	190	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
trans-1,3-Dichloropropene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
trans-1,4-dichloro-2-butene			< 16	16	< 19	19	< 18	18	< 15	15	< 21	21	< 27	27
Trichloroethene	470	21,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Trichlorofluoromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Trichlorotrifluoroethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Vinyl Chloride	20	900	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
<b>Total BTEX Concentration</b>			<b>10.5</b>		<b>0</b>		<b>31.8</b>		<b>0</b>		<b>48</b>		<b>0</b>	
<b>Total VOCs Concentration</b>			<b>47.3</b>		<b>15.8</b>		<b>537.2</b>		<b>19</b>		<b>443.3</b>		<b>18.1</b>	

Notes:

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

**Bold/highlighted**- Indicated exceedance of the NYSDEC UUSCO Guidance Value

**Bold/highlighted**- Indicated exceedance of the NYSDEC RRSO Guidance Value

TABLE 2B  
771 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B4		B5		B6		B5		B7					
			9/12/2014		9/12/2014		9/12/2014		10/10/2014		10/10/2014					
			(0-2)		(0-10)		(0-2)		(0-10)		(0-2)		(0-2)		(12-14)	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,1,1,2-Trichloroethane	680	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,1,2,2-Tetrachloroethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,1,2-Trichloroethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,1-Dichloroethane	270	26,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,1-Dichloroethane	330	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,1-Dichloropropene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2,3-Trichlorobenzene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2,3-Trichloropropane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2,4-Trichlorobenzene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2,4-Trimethylbenzene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2-Dibromo-3-chloropropane	3,600	52,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2-Dibromomethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2-Dichlorobenzene	1,100	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2-Dichloroethane	20	3,100	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2-Dichloropropane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,3-Dichlorobenzene	8,400	52,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,3-Dichloropropane	2,400	4,900	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,3-Trimethylbenzene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,4-Dichlorobenzene	1,800	13,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
2,2-Dichloropropane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
2-Chlorotoluene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
2-Hasanone (Methyl Butyl Ketone)			< 41	41	< 41	41	< 51	51	< 40	40	< 36	36	< 22	22	< 60	60
2-Isopropyltoluene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
4-Chlorotoluene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
4-Methyl-2-Pentanone			< 41	41	< 41	41	< 51	51	< 45	45	< 40	40	< 32	32	< 42	42
Acetone	50	100,000	<b>80</b>	0.3	<b>17</b>	0.3	<b>23</b>	0.3	<b>13</b>	0.3	<b>85</b>	0.3	<b>9.6</b>	0.3	<b>110</b>	0.3
Acrylonitrile			< 17	17	< 17	17	< 20	20	< 18	18	< 16	16	< 13	13	< 20	20
Benzene	60	4,800	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Bromobenzene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Bromochloromethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Bromodichloromethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Bromoform			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Bromomethane			<b>3.4</b>	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Carbon Disulfide			<b>3.4</b>	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Carbon tetrachloride	760	2,400	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Chlorobenzene	1,100	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Chloroethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Chloroform	370	49,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Chloromethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
cis-1,2-Dichloroethane	250	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
cis-1,3-Dichloropropene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Dibromochloromethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Dibromomethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Dichlorodifluoromethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Ethylbenzene	1,000	41,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Hexachlorobutadiene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Isopropylbenzene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
m,p-Xylenes	260	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Methyl Ethyl Ketone (2-Butanone)	120	100,000	<b>15</b>	0.3	< 50	50	< 61	61	< 53	53	<b>16</b>	0.3	< 44	44	< 30	30
Methyl t-butyl ether (MTBE)	930	100,000	< 17	17	< 17	17	< 20	20	< 19	19	< 16	16	< 15	15	< 20	20
Methylene chloride	50	100,000	<b>3.4</b>	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	<b>1.4</b>	0.3	< 0.3	0.3	< 0.3	0.3
Naphthalene	12,000	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
n-Butylbenzene	12,000	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
n-Propylbenzene	3,900	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
o-Xylene	260	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
p-Isopropyltoluene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
sec-Butylbenzene	11,000	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Styrene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
tert-Butylbenzene	5,900	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Tetrachloroethane	1,300	19,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Tetrahydrofuran (THF)			< 17	17	< 17	17	< 20	20	< 18	18	< 16	16	< 15	15	< 20	20
Toluene	700	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
trans-1,2-Dichloroethane	190	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
trans-1,3-Dichloropropene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
trans-1,4-dichloro-2-butene		</														

TABLE 3A  
785 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3			
			(0-2)		(12-14)		(0-2)		(12-14)		(0-2)		(12-14)	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
1,2,4-Trichlorobenzene			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
1,2-Dichlorobenzene			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
1,2-Diphenylhydrazine			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
1,3-Dichlorobenzene			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
1,4-Dichlorobenzene			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
2,4,5-Trichlorophenol			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
2,4,6-Trichlorophenol			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
2,4-Dichlorophenol			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
2,4-Dimethylphenol			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
2,4-Dinitrophenol			1,800	1,800	15,000	1,400	15,000	1,400	1,800	1,800	1,800	1,800	1,800	1,800
2,4-Dinitrotoluene			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
2,6-Dinitrotoluene			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
2-Chloronaphthalene			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
2-Chlorophenol			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
2-Methylnaphthalene			< 250	250	< 250	250	540	250	< 250	250	< 250	250	160	250
2-Methylphenol (o-cresol)	330	100,000	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
2-Nitroaniline			< 100	1,000	< 100	1,000	< 100	1,000	< 100	1,000	< 100	1,000	< 100	1,000
2-Nitrophenol			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
3&4-Methylphenol (m&p-cresol)	330	100,000	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
3,3'-Dichlorobenzidine			< 750	750	< 750	750	< 750	750	< 750	750	< 750	750	< 750	750
3-Nitroaniline			< 180	1,000	< 180	1,000	< 180	1,000	< 180	1,000	< 180	1,000	< 180	1,000
4,6-Dinitro-2-methylphenol			< 150	1,800	< 150	1,800	< 150	1,800	< 150	1,800	< 150	1,800	< 150	1,800
4-Bromophenyl phenyl ether			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
4-Chloro-3-methylphenol			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
4-Chloroaniline			< 750	750	< 750	750	< 750	750	< 750	750	< 750	750	< 750	750
4-Chlorophenyl phenyl ether			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
4-Nitroaniline			< 180	1,800	< 150	1,400	< 150	1,400	< 150	1,400	< 150	1,400	< 150	1,400
4-Nitrophenol			< 150	1,500	< 100	1,000	1,200	1,000	< 100	1,000	< 100	1,000	< 100	1,000
Acenaphthene	20,000	100,000	< 250	250	< 250	250	410	250	< 250	250	< 250	250	< 250	250
Acenaphthylene	100,000	100,000	< 250	250	< 250	250	410	250	< 250	250	< 250	250	< 250	250
Acetophenone			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Aniline			< 180	1,800	< 180	1,800	< 180	1,800	< 180	1,800	< 180	1,800	< 180	1,800
Anthracene	100,000	100,000	< 250	250	< 250	250	3,900	250	< 250	250	120	250	< 250	250
Benz(a)anthracene	1,000	1,000	480	250	< 250	250	10,000	250	< 250	250	580	250	< 250	250
Benzidine			< 750	750	< 750	750	< 750	750	< 750	750	< 750	750	< 750	750
Benzo(a)pyrene	1,000	1,000	450	250	< 250	250	8,000	1,300	< 250	250	600	250	< 250	250
Benzo(b)fluoranthene	1,000	1,000	700	250	< 250	250	11,000	1,300	< 250	250	800	250	< 250	250
Benzo(g,h,i)perylene	100,000	100,000	160	250	< 250	250	1,900	250	< 250	250	230	250	< 250	250
Benzo(k)fluoranthene	800	3,900	260	250	< 250	250	3,400	250	< 250	250	300	250	< 250	250
Benzoic acid			< 180	1,800	< 150	1,400	< 150	1,400	< 180	1,800	< 180	1,800	< 180	1,800
Benzyl butyl phthalate			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Bis(2-chloroethoxy)methane			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Bis(2-chloroethyl)ether			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Bis(2-chloroisopropyl)ether			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Bis(2-ethylhexyl)phthalate			120	250	< 250	250	370	250	< 250	250	< 250	250	< 250	250
Carbazole			< 180	1,800	< 150	1,500	1,600	1,600	< 180	1,800	< 180	1,800	< 180	1,800
Chrysene	1,000	3,900	500	250	< 250	250	11,000	1,300	< 250	250	580	250	< 250	250
Dibenz(a,h)anthracene	330	330	< 250	250	< 250	250	580	250	< 250	250	< 250	250	< 250	250
Dibenzofuran	7,000	59,000	< 250	250	< 250	250	860	250	< 250	250	< 250	250	< 250	250
Diethyl phthalate			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Dimethylphthalate			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Di-n-butylphthalate			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Di-n-octylphthalate			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Fluoranthene	100,000	100,000	810	250	< 250	250	21,000	5,500	< 250	250	< 250	250	< 250	250
Fluorene	30,000	100,000	< 250	250	< 250	250	2,000	250	< 250	250	< 250	250	< 250	250
Hexachlorobenzene			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Hexachlorobutadiene			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Hexachlorocyclopentadiene			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Hexachloroethane			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Indeno(1,2,3-cd)pyrene	500	500	140	250	< 250	250	1,900	250	< 250	250	200	250	< 250	250
Isophorone			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Naphthalene	12,000	100,000	< 250	250	< 250	250	700	250	< 250	250	< 250	250	< 250	250
Nitrobenzene			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
N-Nitrosodimethylamine			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
N-Nitrosodi-n-propylamine			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
N-Nitrosodiphenylamine			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Pentachloronitrobenzene			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Pentachlorophenol	800	6,700	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Phenanthrene	100,000	100,000	450	250	< 250	250	23,000	1,000	< 250	250	570	250	< 250	250
Phenol	330	100,000	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250
Pyrene	100,000	100,000	790	250	< 250	250	22,000	6,500	< 250	250	980	250	< 250	250
Pyridine			< 250	250	< 250	250	< 250	250	< 250	250	< 250	250	< 250	250

Notes:  
 \* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives  
 RL - Reporting Limit  
 Bold/highlighted - Indicated exceedance of the NYSDEC UUSCO Guidance Value  
 Bold/highlighted - Indicated exceedance of the NYSDEC RRSO Guidance Value

TABLE 3B  
771 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B4				B5				B6				B5		B7			
			9/12/2014				9/12/2014				9/12/2014				10/10/2014		10/10/2014			
			(0-2)		(6-10)		(0-2)		(6-10)		(0-2)		(12-14)		(6-10)		(0-2)		(12-14)	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 510	510	< 240	240	< 2000	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
1,2,4-Trichlorobenzene			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
1,2-Dichlorobenzene			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
1,2-Diphenylhydrazine			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
1,3-Dichlorobenzene			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
1,4-Dichlorobenzene			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
2,4,5-Trichlorophenol			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
2,4,6-Trichlorophenol			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
2,4-Dichlorophenol			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
2,4-Dimethylphenol			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
2,4-Dinitrophenol			< 3,000	3,000	< 1,700	1,700	< 18,000	18,000	< 1,000	1,000	< 16,000	16,000	< 1,000	1,000	< 1,000	1,000	< 1,500	1,500	< 1,600	1,600
2,4-Dinitrotoluene			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
2,6-Dinitrotoluene			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
2-Chloronaphthalene			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
2-Chlorophenol			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
2-Methylnaphthalene			< 510	510	< 240	240	<b>1,100</b>	1,100	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
2-Methylphenol (o-cresol)	330	100,000	< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
2-Nitroaniline			< 3,000	3,000	< 1,700	1,700	< 18,000	18,000	< 1,000	1,000	< 16,000	16,000	< 1,000	1,000	< 1,000	1,000	< 1,500	1,500	< 1,600	1,600
2-Nitrophenol			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
3&4-Methylphenol (m&p-cresol)	330	100,000	< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
3,3'-Dichlorobenzidine			< 1,000	1,000	< 600	600	< 7,000	7,000	< 700	700	< 7,000	7,000	< 700	700	< 700	700	< 700	700	< 700	700
3-Nitroaniline			< 3,000	3,000	< 1,700	1,700	< 18,000	18,000	< 1,000	1,000	< 16,000	16,000	< 1,000	1,000	< 1,000	1,000	< 1,500	1,500	< 1,600	1,600
4,6-Dinitro-2-methylphenol			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
4-Bromophenyl phenyl ether			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
4-Chloro-3-methylphenol			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
4-Chloroaniline			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
4-Chlorophenyl phenyl ether			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
4-Nitroaniline			< 3,000	3,000	< 1,700	1,700	< 18,000	18,000	< 1,000	1,000	< 16,000	16,000	< 1,000	1,000	< 1,000	1,000	< 1,500	1,500	< 1,600	1,600
4-Nitrophenol			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
Acenaphthene	20,000	100,000	< 510	510	< 240	240	<b>3,800</b>	3,800	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
Acenaphthylene	100,000	100,000	< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
Acetophenone			< 3,000	3,000	< 1,700	1,700	< 18,000	18,000	< 1,000	1,000	< 16,000	16,000	< 1,000	1,000	< 1,000	1,000	< 1,500	1,500	< 1,600	1,600
Aniline			< 510	510	< 240	240	<b>7,100</b>	7,100	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
Anthracene	100,000	100,000	< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
Benz(a)anthracene	1,000	1,000	<b>610</b>	610	< 240	240	<b>11,000</b>	11,000	< 250	250	<b>3,600</b>	3,600	< 250	250	< 250	250	<b>1,900</b>	1,900	< 210	210
Benzenzidine			< 1,000	1,000	< 600	600	< 7,000	7,000	< 700	700	< 7,000	7,000	< 700	700	< 700	700	< 700	700	< 700	700
Benzo(a)pyrene	1,000	1,000	<b>570</b>	570	< 240	240	<b>10,000</b>	10,000	< 250	250	<b>3,400</b>	3,400	< 250	250	< 250	250	<b>1,600</b>	1,600	< 210	210
Benzo(b)fluoranthene	1,000	1,000	<b>850</b>	850	< 240	240	<b>13,000</b>	13,000	< 250	250	<b>4,700</b>	4,700	< 250	250	< 250	250	<b>2,100</b>	2,100	< 210	210
Benzo(g,h,i)perylene	100,000	100,000	<b>380</b>	380	< 240	240	<b>6,300</b>	6,300	< 250	250	<b>2,000</b>	2,000	< 250	250	< 250	250	<b>660</b>	660	< 210	210
Benzo(k)fluoranthene	800	3,900	<b>250</b>	250	< 240	240	<b>4,400</b>	4,400	< 250	250	<b>1,500</b>	1,500	< 250	250	< 250	250	<b>890</b>	890	< 210	210
Benzoic acid			< 3,000	3,000	< 1,700	1,700	< 18,000	18,000	< 1,000	1,000	< 16,000	16,000	< 1,000	1,000	< 1,000	1,000	< 1,500	1,500	< 1,600	1,600
Benzyl butyl phthalate			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
Bis(2-chloroethoxy)methane			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
Bis(2-chloroethyl)ether			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
Bis(2-chloroisopropyl)ether			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
Bis(2-ethylhexyl)phthalate			< 510	510	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
Carbazole			< 3,000	3,000	< 1,700	1,700	<b>6,700</b>	6,700	< 1,000	1,000	< 16,000	16,000	< 1,000	1,000	< 1,000	1,000	<b>450</b>	450	< 1,600	1,600
Chrysene	1,000	3,900	<b>720</b>	720	< 240	240	<b>12,000</b>	12,000	< 250	250	<b>3,800</b>	3,800	< 250	250	< 250	250	<b>1,900</b>	1,900	< 210	210
Dibenz(a,h)anthracene	330	330	< 130	130	< 240	240	< 2,000	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	< 210	210	< 270	270
Dibenzofuran	7,000	59,000	510	510	< 240	240	<b>2,800</b>	2,800	< 250	250	< 2,500	2,500	< 250	250	< 250	250				

TABLE 4A  
785 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Pesticides PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3			
				(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	3.3	13,000	< 2.6	2.6	< 2.7	2.7	< 27	27	< 2.7	2.7	< 2.7	2.7	< 2.7	2.7
	4,4' -DDE	3.3	8,900	< 2.6	2.6	< 2.7	2.7	< 27	27	< 2.7	2.7	< 2.7	2.7	< 2.7	2.7
	4,4' -DDT	3.3	7,900	< 4.5	4.5	< 2.7	2.7	< 27	27	< 2.7	2.7	< 7.0	7	< 2.7	2.7
	a-BHC	20	480	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	a-Chlordane	94	4,200	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Aldrin	5	97	< 1.8	1.8	< 1.9	1.9	< 19	19	< 1.9	1.9	< 1.9	1.9	< 1.9	1.9
	b-BHC	36	360	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Chlordane	94	4,200	< 37	37	< 37	37	< 380	380	< 37	37	< 37	37	< 37	37
	d-BHC	40	100,000	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Dieldrin	5	200	< 1.8	1.8	< 1.9	1.9	< 19	19	< 1.9	1.9	< 1.9	1.9	< 1.9	1.9
	Endosulfan I	2,400	24,000	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Endosulfan II	2,400	24,000	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Endosulfan sulfate	2,400	24,000	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Endrin	14	11,000	< 3.7	3.7	< 3.7	3.7	< 38	38	< 4.5	4.5	< 3.7	3.7	< 3.7	3.7
	Endrin aldehyde			< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Endrin ketone			< 1.8	1.8	< 5.5	5.5	< 19	19	< 4.0	4	< 1.9	1.9	< 1.9	1.9
	g-BHC			< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	g-Chlordane			< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Heptachlor	42	2,100	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Heptachlor epoxide			< 1.8	1.8	< 1.9	1.9	< 19	19	< 1.9	1.9	< 1.9	1.9	< 1.9	1.9
Methoxychlor			< 7.3	7.3	< 7.4	7.4	< 76	76	< 7.5	7.5	< 7.4	7.4	< 7.4	7.4	
Toxaphene			< 180	180	< 190	190	< 1900	1,900	< 190	190	< 190	190	< 190	190	
PCBs	PCB-1016	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37
	PCB-1221	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37
	PCB-1232	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37
	PCB-1242	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37
	PCB-1248	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37
	PCB-1254	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37
	PCB-1260	100	1,000	< 37	37	< 37	37	<b>160</b>	38	< 37	37	< 37	37	< 37	37
	PCB-1262	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37
	PCB-1268	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37

Notes:

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

**Bold/highlighted-** Indicated exceedance of the NYSDEC UUSCO Guidance Value

**Bold/highlighted-** Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 4B  
771 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B4				B5				B6				B5		B7				
			9/12/2014				9/12/2014				9/12/2014				10/10/2014		10/10/2014				
			(0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	
Pesticides	4,4' -DDD	3.3	13,000	< 2.6	2.6	< 2.5	2.5	< 13	13	< 2.5	2.5	< 13	13	< 14	14	-	-	-	-	-	-
	4,4' -DDE	3.3	8,900	< 2.6	2.6	< 2.5	2.5	< 13	13	< 2.5	2.5	< 13	13	< 14	14	-	-	-	-	-	-
	4,4' -DDT	3.3	7,900	< 2.6	2.6	< 2.5	2.5	< 13	13	< 2.5	2.5	< 13	13	< 14	14	-	-	-	-	-	-
	a-BHC	20	480	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	a-Chlordane	94	4,200	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Aldrin	5	97	< 1.8	1.8	< 1.8	1.8	< 9.2	9.2	< 1.8	1.8	< 9.1	9.1	< 9.4	9.4	-	-	-	-	-	-
	b-BHC	36	360	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Chlordane	94	4,200	< 3.6	3.6	< 3.5	3.5	< 180	180	< 3.5	3.5	< 180	180	< 190	190	-	-	-	-	-	-
	d-BHC	40	100,000	<b>7.7</b>	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Dieldrin	5	200	< 1.8	1.8	< 1.8	1.8	< 9.2	9.2	< 1.8	1.8	< 9.1	9.1	< 9.4	9.4	-	-	-	-	-	-
	Endosulfan I	2,400	24,000	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Endosulfan II	2,400	24,000	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Endosulfan sulfate	2,400	24,000	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Endrin	14	11,000	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Endrin aldehyde			< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Endrin ketone			< 3.6	3.6	< 1.8	1.8	< 9.2	9.2	< 3.5	3.5	< 9.1	9.1	< 9.4	9.4	-	-	-	-	-	-
	g-BHC			< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	g-Chlordane			< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Heptachlor	42	2,100	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Heptachlor epoxide			< 1.8	1.8	< 1.8	1.8	< 9.2	9.2	< 1.8	1.8	< 9.1	9.1	< 9.4	9.4	-	-	-	-	-	-
Methoxychlor			< 11	11	< 7.1	7.1	< 37	37	< 7.0	7	< 36	36	< 38	38	-	-	-	-	-	-	
Toxaphene			< 180	180	< 180	180	< 920	920	< 180	180	< 910	910	< 940	940	-	-	-	-	-	-	
PCBs	PCB-1016	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1221	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1232	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1242	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1248	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1254	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1260	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	<b>110</b>	38	< 39	39
	PCB-1262	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1268	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39

Notes:

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5A  
785 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3			
			(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			<b>8,110</b>	35	<b>7,030</b>	37	<b>6,860</b>	36	<b>11,700</b>	37	<b>7,170</b>	37	<b>12,800</b>	36
Antimony			< 1.8	1.8	< 1.8	1.8	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.8	1.8
Arsenic	13	16	<b>7.2</b>	0.7	<b>1.3</b>	0.7	<b>10.6</b>	0.7	< 0.7	0.7	<b>10.6</b>	0.7	<b>1.6</b>	0.7
Barium	350	350	<b>87.3</b>	0.7	<b>34.2</b>	0.7	<b>198</b>	0.7	<b>41.8</b>	0.7	<b>186</b>	0.7	<b>55.4</b>	0.7
Beryllium	7.2	14	<b>0.38</b>	0.28	<b>0.38</b>	0.3	<b>0.33</b>	0.28	<b>0.37</b>	0.3	<b>0.33</b>	0.3	<b>0.61</b>	0.29
Cadmium	2.5	2.5	<b>0.6</b>	0.35	< 0.37	0.37	<b>1.25</b>	0.36	< 0.37	0.37	<b>0.67</b>	0.37	< 0.36	0.36
Calcium			<b>27,300</b>	35	<b>725</b>	37	<b>52,100</b>	36	<b>1,020</b>	37	<b>43,400</b>	37	<b>943</b>	36
Chromium	30	180	<b>18.4</b>	0.35	<b>16.4</b>	0.37	<b>19.4</b>	0.36	<b>25.3</b>	0.37	<b>17.1</b>	0.37	<b>25.9</b>	0.36
Cobalt			<b>5.88</b>	0.35	<b>5.44</b>	0.37	<b>5.6</b>	0.36	<b>13.8</b>	0.37	<b>4.68</b>	0.37	<b>7.47</b>	0.36
Copper	50	270	<b>43.4</b>	0.35	<b>15.2</b>	0.37	<b>112</b>	0.36	<b>14</b>	0.37	<b>77.6</b>	0.37	<b>20.4</b>	0.36
Iron			<b>20,600</b>	35	<b>18,100</b>	37	<b>26,100</b>	36	<b>20,100</b>	37	<b>19,300</b>	37	<b>22,900</b>	36
Lead	63	400	<b>118</b>	0.7	<b>4.6</b>	0.7	<b>352</b>	7.1	<b>4.9</b>	0.7	<b>356</b>	7.4	<b>6.8</b>	0.7
Magnesium			<b>6,670</b>	35	<b>1,510</b>	3.7	<b>7,320</b>	36	<b>4,240</b>	3.7	<b>10,600</b>	37	<b>2,830</b>	3.6
Manganese	1,600	2,000	<b>276</b>	3.5	<b>219</b>	3.7	<b>284</b>	3.6	<b>328</b>	3.7	<b>178</b>	3.7	<b>399</b>	3.6
Mercury	0.18	0.81	<b>0.31</b>	0.09	< 0.07	0.07	<b>0.66</b>	0.07	< 0.08	0.08	<b>2.05</b>	0.08	< 0.07	0.07
Nickel	30	140	<b>12.5</b>	0.35	<b>10.3</b>	0.37	<b>19.3</b>	0.36	<b>18.5</b>	0.37	<b>11.9</b>	0.37	<b>14.4</b>	0.36
Potassium			<b>1,960</b>	7	<b>1,050</b>	7	<b>1,730</b>	7	<b>1,020</b>	7	<b>1,170</b>	7	<b>1,880</b>	7
Selenium	3.9	36	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4
Silver	2	36	< 0.35	0.35	< 0.37	0.37	< 1.0	1	< 0.37	0.37	< 0.37	0.37	< 0.36	0.36
Sodium			<b>546</b>	7	<b>140</b>	7	<b>905</b>	7	<b>206</b>	7	<b>277</b>	7	<b>147</b>	7
Thallium			< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4
Vanadium			<b>27.7</b>	0.4	<b>24.7</b>	0.4	<b>29.4</b>	0.4	<b>25.8</b>	0.4	<b>19.6</b>	0.4	<b>34.3</b>	0.4
Zinc	109	2,200	<b>455</b>	7	<b>23.3</b>	0.7	<b>956</b>	7.1	<b>54.5</b>	0.7	<b>551</b>	7.4	<b>46.2</b>	0.7

**Notes:**

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

**Bold/highlighted-** Indicated exceedance of the NYSDEC UUSCO Guidance Value

**Bold/highlighted-** Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5B  
771 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B4				B5				B6				B5		B7			
			9/12/2014				9/13/2014				9/14/2014				10/10/2014		10/10/2014			
			(0-2') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			<b>6,360</b>	38	<b>6,720</b>	37	<b>7,070</b>	34	<b>8,090</b>	34	<b>7,160</b>	33	<b>8,420</b>	36	<b>13,100</b>	36	<b>7,460</b>	37	<b>7,870</b>	35
Antimony			<b>4.6</b>	1.9	< 1.9	1.9	<b>37.6</b>	1.7	< 1.7	1.7	<b>15.5</b>	1.6	< 1.8	1.8	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Arsenic	13	16	<b>15.1</b>	0.8	<b>1.4</b>	0.7	<b>25.1</b>	0.7	< 0.7	0.7	<b>8.3</b>	0.7	< 0.7	0.7	<b>1.8</b>	0.7	<b>9.7</b>	0.7	<b>3.3</b>	0.7
Barium	350	350	<b>109</b>	0.8	<b>17.3</b>	0.7	<b>528</b>	0.7	<b>23.1</b>	0.7	<b>167</b>	0.7	<b>28.7</b>	0.7	<b>49.3</b>	0.7	<b>134</b>	0.7	<b>35.3</b>	0.7
Beryllium	7.2	14	<b>0.35</b>	0.31	< 0.30	0.3	<b>0.22</b>	0.27	<b>0.45</b>	0.28	<b>0.27</b>	0.26	<b>0.75</b>	0.29	<b>0.4</b>	0.28	<b>0.32</b>	0.29	<b>0.44</b>	0.28
Cadmium	2.5	2.5	<b>1.45</b>	0.38	< 0.37	0.37	<b>6.02</b>	0.34	< 0.34	0.34	<b>1.03</b>	0.33	<b>0.46</b>	0.36	< 0.36	0.36	<b>1.45</b>	0.37	< 0.35	0.35
Calcium			<b>7,780</b>	3.8	<b>458</b>	3.7	<b>10,700</b>	34	<b>1,640</b>	3.4	<b>23,600</b>	33	<b>458</b>	3.6	<b>1,410</b>	3.6	<b>12,900</b>	37	<b>880</b>	3.5
Chromium	30	180	<b>29.5</b>	0.38	<b>11.5</b>	0.37	<b>55.5</b>	0.34	<b>17.7</b>	0.34	<b>23.4</b>	0.33	<b>28.4</b>	0.36	<b>24.7</b>	0.36	<b>18.8</b>	0.37	<b>20.2</b>	0.36
Cobalt			<b>16.2</b>	0.38	<b>3.6</b>	0.37	<b>21.4</b>	0.34	<b>8.01</b>	0.34	<b>8.21</b>	0.33	<b>9.81</b>	0.36	<b>8.4</b>	0.36	<b>6.02</b>	0.37	<b>6.98</b>	0.35
Copper	50	270	<b>200</b>	3.8	<b>5.1</b>	0.37	<b>593</b>	3.4	<b>14.2</b>	0.34	<b>153</b>	3.3	<b>23.1</b>	0.36	<b>15.8</b>	0.36	<b>77.4</b>	0.37	<b>10.7</b>	0.35
Iron			<b>81,700</b>	38	<b>13,300</b>	37	<b>75,100</b>	34	<b>18,200</b>	34	<b>21,800</b>	33	<b>57,900</b>	36	<b>20,900</b>	36	<b>28,500</b>	37	<b>26,600</b>	35
Lead	63	400	<b>491</b>	7.6	<b>10.3</b>	7.5	<b>18,100</b>	690	<b>202</b>	6.9	<b>663</b>	6.5	<b>8.9</b>	0.7	<b>7.4</b>	0.7	<b>358</b>	7.4	<b>7.2</b>	0.7
Magnesium			<b>1,600</b>	3.8	<b>1,050</b>	3.7	<b>4,340</b>	3.4	<b>1,350</b>	3.4	<b>2,850</b>	3.3	<b>1,530</b>	3.6	<b>2,830</b>	3.6	<b>2,260</b>	3.7	<b>2,330</b>	3.5
Manganese	1,600	2,000	<b>767</b>	3.8	<b>1,190</b>	3.7	<b>688</b>	3.4	<b>575</b>	3.4	<b>280</b>	3.3	<b>596</b>	3.6	<b>519</b>	3.6	<b>265</b>	3.7	<b>173</b>	3.5
Mercury	0.18	0.81	<b>2</b>	0.06	< 0.07	0.07	<b>41.3</b>	3.9	< 0.06	0.06	<b>2.05</b>	0.09	< 0.08	0.08	< 0.08	0.08	<b>2.16</b>	0.09	< 0.09	0.09
Nickel	30	140	<b>30</b>	0.38	<b>5.22</b>	0.37	<b>77.7</b>	0.34	<b>9.02</b>	0.34	<b>19.6</b>	0.33	<b>13.8</b>	0.36	<b>11.8</b>	0.36	<b>16</b>	0.37	<b>14.2</b>	0.35
Potassium			<b>1,030</b>	76	<b>592</b>	75	<b>1,090</b>	69	<b>762</b>	69	<b>1,660</b>	65	<b>1,250</b>	73	<b>1,630</b>	7	<b>1,090</b>	7	<b>2,100</b>	7
Selenium	3.9	36	<b>1.9</b>	1.5	< 1.5	1.5	<b>3.4</b>	1.4	< 1.4	1.4	< 1.3	1.3	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4
Silver	2	36	< 0.38	0.38	< 0.37	0.37	<b>23.3</b>	0.34	< 0.34	0.34	<b>0.48</b>	0.33	< 0.36	0.36	< 0.36	0.36	< 0.37	0.37	< 0.35	0.35
Sodium			<b>254</b>	8	<b>52</b>	7	<b>799</b>	7	<b>86</b>	7	<b>1,120</b>	7	<b>60</b>	7	<b>208</b>	7	<b>364</b>	7	<b>111</b>	7
Thallium			< 1.5	1.5	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.3	1.3	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4
Vanadium			<b>52.8</b>	0.4	<b>16.3</b>	0.4	<b>32.4</b>	0.3	<b>29.1</b>	0.3	<b>27.6</b>	0.3	<b>33.9</b>	0.4	<b>35.5</b>	0.4	<b>21.9</b>	0.4	<b>28.7</b>	0.4
Zinc	109	2,200	<b>404</b>	7.6	<b>16.9</b>	0.7	<b>2,490</b>	69	<b>25.1</b>	0.7	<b>445</b>	6.5	<b>37.5</b>	0.7	<b>37.2</b>	0.7	<b>556</b>	7.4	<b>37.8</b>	0.7

Notes:

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5C  
771 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Lead

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B2		B5 10/10/14						B9					
			10/10/2014		10/10/2014						10/10/2014					
			(0-2') mg/Kg		(0-2') mg/Kg		(2-4') mg/Kg		(4-6') mg/Kg		(0-2') mg/Kg		(2-4') mg/Kg		(4-6') mg/Kg	
			Result	RL												
Lead	63	400	248	6.7	3,980	78	1,770	70	145	6.9	1,170	7.5	715	7.2	172	7.3
TCLP Lead			0.1	0.1	5.01	0.1	0.73	0.1	< 0.10	0.1	0.49	0.1	1.13	0.1	0.08	0.1

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B10						B11						B8	
			10/10/2014						10/10/2014						10/10/2014	
			(0-2') mg/Kg		(2-4') mg/Kg		(4-6') mg/Kg		(0-2') mg/Kg		(2-4') mg/Kg		(4-6') mg/Kg		(2-4') mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Lead	63	400	143	7.2	172	7.1	126	6.9	3,590	75	7,280	66	117	7.2	5,100	70
TCLP Lead			0.06	0.1	< 0.10	0.1	0.06	0.1	2.01	0.1	71.4	1	0.12	0.1	18.8	0.1

Table 6  
785 Metropolitan Avenue  
Brooklyn, New York  
Ground Water Analytical Results  
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1		MW2		MW3	
		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachloroethane	5	< 1.0	1	< 1.0	1	< 2.0	2
1,1,1-Trichloroethane	5	< 5.0	5	< 5.0	5	< 10	10
1,1,2,2-Tetrachloroethane	5	< 1.0	1	< 1.0	1	< 2.0	2
1,1,2-Trichloroethane	1	< 1.0	1	< 1.0	1	< 2.0	2
1,1-Dichloroethane	5	< 5.0	5	< 5.0	5	< 10	10
1,1-Dichloroethene	5	< 1.0	1	< 1.0	1	< 2.0	2
1,1-Dichloropropene		< 1.0	1	< 1.0	1	< 2.0	2
1,2,3-Trichlorobenzene		< 1.0	1	< 1.0	1	< 2.0	2
1,2,3-Trichloropropane	0.04	< 1.0	1	< 1.0	1	< 2.0	2
1,2,4-Trichlorobenzene		< 1.0	1	< 1.0	1	< 2.0	2
1,2,4-Trimethylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
1,2-Dibromo-3-chloropropane	0.04	< 1.0	1	< 1.0	1	< 2.0	2
1,2-Dibromoethane		< 1.0	1	< 1.0	1	< 2.0	2
1,2-Dichlorobenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
1,2-Dichloroethane	0.6	< 0.60	0.6	< 0.60	0.6	< 1.2	1.2
1,2-Dichloropropane	0.94	< 1.0	1	< 1.0	1	< 2.0	2
1,3,5-Trimethylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
1,3-Dichlorobenzene		< 1.0	1	< 1.0	1	< 2.0	2
1,3-Dichloropropane	5	< 1.0	1	< 1.0	1	< 2.0	2
1,4-Dichlorobenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
2,2-Dichloropropane	5	< 1.0	1	< 1.0	1	< 2.0	2
2-Chlorotoluene	5	< 1.0	1	< 1.0	1	< 2.0	2
2-Hexanone (Methyl Butyl Ketone)		< 1.0	1	< 1.0	1	< 2.0	2
2-Isopropyltoluene	5	< 1.0	1	< 1.0	1	< 2.0	2
4-Chlorotoluene	5	< 1.0	1	< 1.0	1	< 2.0	2
4-Methyl-2-Pentanone		< 1.0	1	< 1.0	1	< 2.0	2
Acetone		<b>4.3</b>	5	<b>5.2</b>	5	<b>800</b>	500
Acrolein		< 5.0	5	< 5.0	5	< 10	10
Acrylonitrile	5	< 5.0	5	< 5.0	5	< 10	10
Benzene	1	<b>0.79</b>	0.7	<b>0.24</b>	0.7	< 1.4	1.4
Bromobenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
Bromochloromethane	5	< 1.0	1	< 1.0	1	< 2.0	2
Bromodichloromethane		< 1.0	1	< 1.0	1	< 2.0	2
Bromoform		< 5.0	5	< 5.0	5	< 10	10
Bromomethane	5	< 5.0	5	< 5.0	5	< 10	10
Carbon Disulfide	60	< 1.0	1	< 1.0	1	<b>2.8</b>	2
Carbon tetrachloride	5	< 1.0	1	< 1.0	1	< 2.0	2
Chlorobenzene	5	< 5.0	5	< 5.0	5	< 10	10
Chloroethane	5	< 5.0	5	< 5.0	5	< 10	10
Chloroform	7	< 5.0	5	< 5.0	5	< 10	10
Chloromethane	60	<b>0.72</b>	5	< 5.0	5	< 10	10
cis-1,2-Dichloroethene	5	< 1.0	1	< 1.0	1	< 2.0	2
cis-1,3-Dichloropropene		< 0.40	0.4	< 0.40	0.4	< 0.80	0.8
Dibromochloromethane		< 1.0	1	< 1.0	1	< 2.0	2
Dibromomethane	5	< 1.0	1	< 1.0	1	< 2.0	2
Dichlorodifluoromethane	5	< 1.0	1	< 1.0	1	< 2.0	2
Ethylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
Hexachlorobutadiene	0.5	< 0.5	0.5	< 0.5	0.5	< 2.0	2
Isopropylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
m&p-Xylenes	5	< 1.0	1	< 1.0	1	< 2.0	2
Methyl Ethyl Ketone (2-Butanone)		< 1.0	1	< 1.0	1	<b>32</b>	2
Methyl t-butyl ether (MTBE)	10	< 1.0	1	<b>0.99</b>	1	< 2.0	2
Methylene chloride	5	< 3.0	3	< 3.0	3	< 6.0	6
Naphthalene	10	< 1.0	1	< 1.0	1	< 2.0	2
n-Butylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
n-Propylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
o-Xylene	5	< 1.0	1	< 1.0	1	< 2.0	2
p-Isopropyltoluene		< 1.0	1	< 1.0	1	< 2.0	2
sec-Butylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
Styrene	5	< 1.0	1	< 1.0	1	< 2.0	2
tert-Butylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
Tetrachloroethene	5	< 1.0	1	< 1.0	1	< 2.0	2
Tetrahydrofuran (THF)		< 5.0	5	< 5.0	5	< 10	10
Toluene	5	< 1.0	1	< 1.0	1	< 2.0	2
trans-1,2-Dichloroethene	5	< 5.0	5	< 5.0	5	< 10	10
trans-1,3-Dichloropropene	0.4	< 0.40	0.4	< 0.40	0.4	< 0.80	0.8
trans-1,4-dichloro-2-butene	5	< 1.0	1	< 1.0	1	< 2.0	2
Trichloroethene		< 1.0	1	< 1.0	1	< 2.0	2
Trichlorofluoromethane	5	< 1.0	1	< 1.0	1	< 2.0	2
Trichlorotrifluoroethane		< 1.0	1	< 1.0	1	< 2.0	2
Vinyl Chloride	2	< 1.0	1	< 1.0	1	< 2.0	2

Notes:

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 7A  
785 Metropolitan Avenue  
Brooklyn, New York  
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value ( $\mu\text{g}/\text{m}^3$ ) <sup>(a)</sup>	NYSDOH Soil Outdoor Background Levels ( $\mu\text{g}/\text{m}^3$ ) <sup>(b)</sup>	SG-1 ( $\mu\text{g}/\text{m}^3$ )		SG-2 ( $\mu\text{g}/\text{m}^3$ )	
			Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1	< 1.00	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	<b>2.4</b>	1	< 1.00	1
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1	< 1.00	1
1,1,2-Trichloroethane		<1.0	< 1.00	1	< 1.00	1
1,1-Dichloroethane		<1.0	<b>12.1</b>	1	<b>1.78</b>	1
1,1-Dichloroethene		<1.0	< 1.00	1	< 1.00	1
1,2,4-Trichlorobenzene		NA	< 1.00	1	< 1.00	1
1,2,4-Trimethylbenzene		<1.0	<b>11.8</b>	1	<b>8.2</b>	1
1,2-Dibromoethane		<1.5	< 1.00	1	< 1.00	1
1,2-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1
1,2-Dichloroethane		<1.0	< 1.00	1	< 1.00	1
1,2-Dichloropropane			< 1.00	1	< 1.00	1
1,2-Dichlorotetrafluoroethane			< 1.00	1	< 1.00	1
1,3,5-Trimethylbenzene		<1.0	<b>4.27</b>	1	<b>3.14</b>	1
1,3-Butadiene		NA	< 1.00	1	< 1.00	1
1,3-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1
1,4-Dichlorobenzene		NA	< 1.00	1	< 1.00	1
1,4-Dioxane			< 1.00	1	< 1.00	1
2-Hexanone			< 1.00	1	< 1.00	1
4-Ethyltoluene		NA	<b>1.42</b>	1	< 1.00	1
4-Isopropyltoluene			< 1.00	1	< 1.00	1
4-Methyl-2-pentanone			< 1.00	1	< 1.00	1
Acetone		NA	<b>136</b>	1	< 1.00	1
Acrylonitrile			< 1.00	1	< 1.00	1
Benzene		<1.6 - 4.7	<b>28.2</b>	1	<b>6.42</b>	1
Benzyl Chloride		NA	< 1.00	1	< 1.00	1
Bromodichloromethane		<5.0	< 1.00	1	< 1.00	1
Bromoform		<1.0	< 1.00	1	< 1.00	1
Bromomethane		<1.0	< 1.00	1	< 1.00	1
Carbon Disulfide		NA	<b>8.09</b>	1	<b>63.2</b>	1
Carbon Tetrachloride	5	<3.1	< 0.25	0.25	< 0.25	0.25
Chlorobenzene		<2.0	< 1.00	1	< 1.00	1
Chloroethane		NA	<b>1.26</b>	1	< 1.00	1
Chloroform		<2.4	<b>9.81</b>	1	< 1.00	1
Chloromethane		<1.0 - 1.4	< 1.00	1	< 1.00	1
cis-1,2-Dichloroethene		<1.0	<b>1.43</b>	1	< 1.00	1
cis-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1
Cyclohexane		NA	<b>4.75</b>	1	<b>12</b>	1
Dibromochloromethane		<5.0	< 1.00	1	< 1.00	1
Dichlorodifluoromethane		NA	<b>39.2</b>	1	<b>19.3</b>	1
Ethanol			<b>10.2</b>	1	<b>6.18</b>	1
Ethyl Acetate		NA	< 1.00	1	< 1.00	1
Ethylbenzene		<4.3	<b>5.73</b>	1	<b>4.17</b>	1
Heptane		NA	<b>5.53</b>	1	<b>14</b>	1
Hexachlorobutadiene		NA	< 1.00	1	< 1.00	1
Hexane		<1.5	<b>14.3</b>	1	<b>45.1</b>	1
Isopropylalcohol		NA	< 1.00	1	< 1.00	1
Isopropylbenzene			<b>1.18</b>	1	<b>4.13</b>	1
Xylene (m&p)		<4.3	<b>17.4</b>	1	<b>11.3</b>	1
Methyl Ethyl Ketone			<b>5.13</b>	1	<b>3.3</b>	1
MTBE		NA	< 1.00	1	<b>15.8</b>	1
Methylene Chloride		<3.4	<b>39.2</b>	1	<b>10.8</b>	1
n-Butylbenzene			<b>1.64</b>	1	<b>1.81</b>	1
Xylene (o)		<4.3	<b>7.98</b>	1	<b>7.46</b>	1
Propylene		NA	<b>24.2</b>	1	<b>626</b>	1
sec-Butylbenzene			< 1.00	1	<b>2.36</b>	1
Styrene		<1.0	< 1.00	1	< 1.00	1
Tetrachloroethene	100		<b>10.3</b>	0.25	<b>10.2</b>	0.25
Tetrahydrofuran		NA	< 1.00	1	< 1.00	1
Toluene		1.0 - 6.1	<b>19.3</b>	1	<b>13.7</b>	1
trans-1,2-Dichloroethene		NA	< 1.00	1	< 1.00	1
trans-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1
Trichloroethene	5	<1.7	<b>9.5</b>	0.25	<b>2.42</b>	0.25
Trichlorofluoromethane		NA	<b>9.88</b>	1	<b>209</b>	1
Trichlorotrifluoroethane			< 1.00	1	< 1.00	1
Vinyl Chloride		<1.0	< 0.25	0.25	< 0.25	0.25
<b>BTEX</b>			<b>78.61</b>		<b>43.05</b>	
<b>Total VOCs</b>			<b>389.31</b>		<b>997.55</b>	

Notes:

NA - No guidance value or standard available

(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, New York State Department of Health.

(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH

TABLE 7B  
771 Metropolitan Avenue  
Brooklyn, New York  
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m <sup>3</sup> ) <sup>(a)</sup>	NYSDOH Soil Outdoo Background Levels (µg/m <sup>3</sup> ) <sup>(b)</sup>	SG-4 (µg/m <sup>3</sup> )		SG-5 (µg/m <sup>3</sup> )		SG-6 (µg/m <sup>3</sup> )	
			Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1	< 1.00	1	< 1.00	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	<b>1.2</b>	1	<b>1.09</b>	1	<b>1.47</b>	1
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1	< 1.00	1	< 1.00	1
1,1,2-Trichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trichlorobenzene		NA	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trimethylbenzene		<1.0	<b>7.02</b>	1	<b>5.9</b>	1	<b>6.29</b>	1
1,2-Dibromoethane		<1.5	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichloropropane			< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorotetrafluoroethane			< 1.00	1	< 1.00	1	< 1.00	1
1,3,5-Trimethylbenzene		<1.0	<b>1.82</b>	1	<b>1.67</b>	1	<b>1.67</b>	1
1,3-Butadiene		NA	< 1.00	1	< 1.00	1	< 1.00	1
1,3-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1
1,4-Dichlorobenzene		NA	< 1.00	1	< 1.00	1	< 1.00	1
1,4-Dioxane			< 1.00	1	< 1.00	1	< 1.00	1
2-Hexanone			< 1.00	1	< 1.00	1	< 1.00	1
4-Ethyltoluene		NA	<b>1.47</b>	1	<b>1.47</b>	1	<b>1.33</b>	1
4-Isopropyltoluene			< 1.00	1	< 1.00	1	< 1.00	1
4-Methyl-2-pentanone			<b>1.72</b>	1	<b>2.5</b>	1	<b>2.33</b>	1
Acetone		NA	<b>4.06</b>	1	<b>4.89</b>	1	<b>5.08</b>	1
Acrylonitrile			< 1.00	1	< 1.00	1	< 1.00	1
Benzene		<1.6 - 4.7	< 1.00	1	< 1.00	1	< 1.00	1
Benzyl Chloride		NA	< 1.00	1	< 1.00	1	< 1.00	1
Bromodichloromethane		<5.0	< 1.00	1	< 1.00	1	< 1.00	1
Bromoform		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
Bromomethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
Carbon Disulfide		NA	< 1.00	1	<b>9.62</b>	1	< 1.00	1
Carbon Tetrachloride	5	<3.1	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
Chlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1
Chloroethane		NA	< 1.00	1	< 1.00	1	< 1.00	1
Chloroform		<2.4	< 1.00	1	< 1.00	1	<b>1.27</b>	1
Chloromethane		<1.0 - 1.4	< 1.00	1	< 1.00	1	< 1.00	1
cis-1,2-Dichloroethene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
cis-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 1.00	1
Cyclohexane		NA	< 1.00	1	< 1.00	1	< 1.00	1
Dibromochloromethane		<5.0	< 1.00	1	< 1.00	1	< 1.00	1
Dichlorodifluoromethane		NA	<b>2.37</b>	1	<b>50.9</b>	1	<b>13.2</b>	1
Ethanol			<b>14.1</b>	1	<b>17.3</b>	1	<b>16.2</b>	1
Ethyl Acetate		NA	<b>1.12</b>	1	<b>2.05</b>	1	<b>2.27</b>	1
Ethylbenzene		<4.3	<b>2.52</b>	1	<b>2.6</b>	1	<b>2</b>	1
Heptane		NA	<b>1.35</b>	1	<b>9.09</b>	1	< 1.00	1
Hexachlorobutadiene		NA	< 1.00	1	< 1.00	1	< 1.00	1
Hexane		<1.5	<b>1.3</b>	1	<b>2.22</b>	1	<b>3.84</b>	1
Isopropylalcohol		NA	< 1.00	1	< 1.00	1	< 1.00	1
Isopropylbenzene			< 1.00	1	< 1.00	1	< 1.00	1
Xylene (m&p)		<4.3	<b>9.37</b>	1	<b>9.5</b>	1	<b>8.55</b>	1
Methyl Ethyl Ketone			<b>1.68</b>	1	<b>1.33</b>	1	<b>2</b>	1
MTBE		NA	< 1.00	1	< 1.00	1	< 1.00	1
Methylene Chloride		<3.4	<b>1.46</b>	1	<b>1.28</b>	1	<b>4.13</b>	1
n-Butylbenzene			< 1.00	1	< 1.00	1	< 1.00	1
Xylene (o)		<4.3	<b>4.34</b>	1	<b>4.43</b>	1	<b>4.12</b>	1
Propylene		NA	< 1.00	1	<b>3.2</b>	1	< 1.00	1
sec-Butylbenzene			< 1.00	1	< 1.00	1	< 1.00	1
Styrene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
Tetrachloroethene	100		<b>2.85</b>	0.25	<b>1.83</b>	0.25	<b>42.9</b>	0.25
Tetrahydrofuran		NA	< 1.00	1	< 1.00	1	< 1.00	1
Toluene		1.0 - 6.1	<b>3.73</b>	1	<b>3.43</b>	1	<b>2.6</b>	1
trans-1,2-Dichloroethene		NA	< 1.00	1	< 1.00	1	< 1.00	1
trans-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 1.00	1
Trichloroethene	5	<1.7	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
Trichlorofluoromethane		NA	<b>1.68</b>	1	<b>13.6</b>	1	<b>27.3</b>	1
Trichlorotrifluoroethane			< 1.00	1	< 1.00	1	< 1.00	1
Vinyl Chloride		<1.0	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
<b>BTEX</b>			<b>19.96</b>		<b>19.96</b>		<b>17.27</b>	
<b>Total VOCs</b>			<b>65.16</b>		<b>149.90</b>		<b>148.55</b>	

Notes:

NA No guidance value or standard available

(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, New York State Department of Health.

(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds

# **APPENDIX A** ***Boring Logs***



# Geologic Boring Log Details



## B2 Boring Log

Location: Performed on the east side of the Site near Humboldt Street.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: AAR1403	Address: 781 Metropolitan Avenue, Brooklyn, NY	Date	DTW
Drilling Company: C <sup>2</sup> Environmental		Method: Geoprobe	Groundwater depth
Date Started: 9/11/2014	Date Completed: 9/11/2014	Not Detected	Well Specifications
Completion Depth: 15 Feet	Geologist: Reuben Levinton		None

B2 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
0	0				4"- Gravel and cement 16"- Brown silty sand with rocks 1"- Rock 6"- Brown/black silty sand with rock 3"- Brick 5"- Black gravely sand w/ white clay on bottom 4"- Brown silty sand 6"- Black clay <i>*Retained soil sample B2(0-2')</i>
to	45			0.0	12"- Brown silty, moist 26"- Gray clay, dry
5	to	38		0	
10	to	45		0.0	3"- Gray clay 1"- Gray sand/gravel 41"- Brown silty sand, moist  <i>*Retained soil sample B2(12-14')</i>
15					





# Geologic Boring Log Details



**ENVIRONMENTAL BUSINESS CONSULTANTS**

## B5 Boring Log

Location: Performed north of B4 towards the center of Site.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: AAR1403	Address: 771 Metropolitan Ave, Brooklyn, NY	Date	DTW
Drilling Company: C <sup>2</sup> Environmental		Groundwater depth	
Method: Geoprobe		Not Detected	
Date Started: 9/15/2014	Date Completed: 9/15/2014	Well Specifications	
Completion Depth: 10 Feet	Geologist: Reuben Levinton	None	

B5 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				4"- Cement dust 2"- Brown/black gravely sand 3"- Brown/gray silt 2"- Dark brown sand w/ rock 2"- Black/white gravely sand w/ rock and glass 3"- Brown silty sand 5"- Black silty sand 2"- Brown silty sand 1"- Black silty sand <i>*Retained soil sample B5(0-2')</i>
	to 4	24		0.0	16"- Brown silty sand 7"- Brown/gray silt
	to 8	23		0.0	13"- Brown/red sand with rocks <i>*Refusal hit 10'</i>
	to 10	13		0.0	<i>*Retained soil sample B5(8-10')</i>









# Geologic Boring Log Details



## B10 Boring Log

Location: Performed to the east of B5, near the boarder of the two Sites.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: AAR1403	Address: 771 Metropolitan Avenue, Brooklyn, NY	Date	DTW
Drilling Company: C <sup>2</sup> Environmental		Groundwater depth	
Method: Geoprobe		Not Detected	
Date Started: 10/10/2014	Date Completed: 10/10/2014	Well Specifications  None	
Completion Depth: 8 Feet	Geologist: Reuben Levinton		

B10 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				2"- Rock
	to	10		0.0	8"- Brown silty sand
	4				<i>*Retained soil sample B10(0-2') &amp; B10(2-4')</i>
	to	6		0.0	6"- Brown silty sand
	8				<i>*Retained soil sample B10(4-6')</i>



# **APPENDIX B**

## ***Laboratory Reports***



Thursday, September 18, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 781 METROPOLITAN AVE  
Sample ID#s: BH13119 - BH13124

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

September 18, 2014

SDG I.D.: GBH13119

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Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

9:00  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13119

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 1 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35	0.35	0.35	mg/Kg	09/15/14	LK	SW6010
Aluminum	8110	35	7.0	mg/Kg	09/15/14	LK	SW6010
Arsenic	7.2	0.7	0.70	mg/Kg	09/15/14	LK	SW6010
Barium	87.3	0.7	0.35	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.38	0.28	0.14	mg/Kg	09/15/14	LK	SW6010
Calcium	27300	35	32	mg/Kg	09/15/14	LK	SW6010
Cadmium	0.60	0.35	0.14	mg/Kg	09/15/14	LK	SW6010
Cobalt	5.88	0.35	0.35	mg/Kg	09/15/14	LK	SW6010
Chromium	18.4	0.35	0.35	mg/Kg	09/15/14	LK	SW6010
Copper	43.4	0.35	0.35	mg/kg	09/15/14	LK	SW6010
Iron	20600	35	35	mg/Kg	09/15/14	LK	SW6010
Mercury	0.31	0.09	0.05	mg/Kg	09/15/14	RS	SW-7471
Potassium	1960	N 7	2.7	mg/Kg	09/16/14	LK	SW6010
Magnesium	6670	35	35	mg/Kg	09/15/14	LK	SW6010
Manganese	276	3.5	3.5	mg/Kg	09/15/14	LK	SW6010
Sodium	546	N 7	3.0	mg/Kg	09/16/14	LK	SW6010
Nickel	12.5	0.35	0.35	mg/Kg	09/15/14	LK	SW6010
Lead	118	0.7	0.35	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	09/15/14	LK	SW6010
Vanadium	27.7	0.4	0.35	mg/Kg	09/15/14	LK	SW6010
Zinc	455	7.0	3.5	mg/Kg	09/15/14	LK	SW6010
Percent Solid	90			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	80			%	09/13/14	AW	30 - 150 %
% TCMX	87			%	09/13/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.6	2.6	ug/Kg	09/13/14	CE	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	09/13/14	CE	SW8081
4,4' -DDT	ND	4.5	4.5	ug/Kg	09/13/14	CE	SW8081
a-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	09/13/14	CE	SW8081
b-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	09/13/14	CE	SW8081
d-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	09/13/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	09/13/14	CE	SW8081
g-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	09/13/14	CE	SW8081
Methoxychlor	ND	7.3	7.3	ug/Kg	09/13/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	09/13/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	80			%	09/13/14	CE	30 - 150 %
% TCMX	79			%	09/13/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.2	0.81	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloroethane	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.2	1.8	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloropropene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trimethylbenzene	1.2	J 8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.2	2.2	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromoethane	ND	8.2	2.2	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.2	0.90	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloroethane	ND	8.2	0.72	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloropropane	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
1,3,5-Trimethylbenzene	1.9	J 8.2	1.1	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichloropropane	ND	8.2	0.87	ug/Kg	09/13/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
2,2-Dichloropropane	ND	8.2	1.4	ug/Kg	09/13/14	JLI	SW8260
2-Chlorotoluene	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
2-Hexanone	ND	41	3.7	ug/Kg	09/13/14	JLI	SW8260
2-Isopropyltoluene	ND	8.2	1.1	ug/Kg	09/13/14	JLI	SW8260
4-Chlorotoluene	ND	8.2	0.95	ug/Kg	09/13/14	JLI	SW8260
4-Methyl-2-pentanone	ND	41	2.0	ug/Kg	09/13/14	JLI	SW8260
Acetone	25	JS 50	8.2	ug/Kg	09/13/14	JLI	SW8260
Acrylonitrile	ND	16	4.6	ug/Kg	09/13/14	JLI	SW8260
Benzene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
Bromobenzene	ND	8.2	1.1	ug/Kg	09/13/14	JLI	SW8260
Bromochloromethane	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
Bromodichloromethane	ND	8.2	1.0	ug/Kg	09/13/14	JLI	SW8260
Bromoform	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
Bromomethane	ND	8.2	6.3	ug/Kg	09/13/14	JLI	SW8260
Carbon Disulfide	3.2	J 8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
Carbon tetrachloride	ND	8.2	0.95	ug/Kg	09/13/14	JLI	SW8260
Chlorobenzene	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
Chloroethane	ND	8.2	1.9	ug/Kg	09/13/14	JLI	SW8260
Chloroform	ND	8.2	1.5	ug/Kg	09/13/14	JLI	SW8260
Chloromethane	ND	8.2	4.3	ug/Kg	09/13/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.2	1.8	ug/Kg	09/13/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.2	0.89	ug/Kg	09/13/14	JLI	SW8260
Dibromochloromethane	ND	8.2	0.92	ug/Kg	09/13/14	JLI	SW8260
Dibromomethane	ND	8.2	1.0	ug/Kg	09/13/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.2	2.2	ug/Kg	09/13/14	JLI	SW8260
Ethylbenzene	ND	8.2	1.5	ug/Kg	09/13/14	JLI	SW8260
Hexachlorobutadiene	ND	8.2	1.7	ug/Kg	09/13/14	JLI	SW8260
Isopropylbenzene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
m&p-Xylene	4.0	J 8.2	3.2	ug/Kg	09/13/14	JLI	SW8260
Methyl Ethyl Ketone	ND	49	7.1	ug/Kg	09/13/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	16	2.3	ug/Kg	09/13/14	JLI	SW8260
Methylene chloride	1.9	JS 8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
Naphthalene	ND	8.2	2.2	ug/Kg	09/13/14	JLI	SW8260
n-Butylbenzene	1.8	J 8.2	1.5	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	8.2	1.5	ug/Kg	09/13/14	JLI	SW8260
o-Xylene	6.5	J 8.2	3.1	ug/Kg	09/13/14	JLI	SW8260
p-Isopropyltoluene	1.8	J 8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
sec-Butylbenzene	ND	8.2	1.5	ug/Kg	09/13/14	JLI	SW8260
Styrene	ND	8.2	2.4	ug/Kg	09/13/14	JLI	SW8260
tert-Butylbenzene	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
Tetrachloroethene	ND	8.2	1.7	ug/Kg	09/13/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	16	7.4	ug/Kg	09/13/14	JLI	SW8260
Toluene	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.2	1.7	ug/Kg	09/13/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	16	15	ug/Kg	09/13/14	JLI	SW8260
Trichloroethene	ND	8.2	1.7	ug/Kg	09/13/14	JLI	SW8260
Trichlorofluoromethane	ND	8.2	1.8	ug/Kg	09/13/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
Vinyl chloride	ND	8.2	2.7	ug/Kg	09/13/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	102			%	09/13/14	JLI	70 - 121 %
% Bromofluorobenzene	124			%	09/13/14	JLI	59 - 113 %
% Dibromofluoromethane	105			%	09/13/14	JLI	70 - 130 %
% Toluene-d8	103			%	09/13/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270
1,3-Dichlorobenzene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
1,4-Dichlorobenzene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	09/13/14	KCA	SW 8270
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dichlorophenol	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dimethylphenol	ND	250	89	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrophenol	ND	1800	250	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	09/13/14	KCA	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	09/13/14	KCA	SW 8270
2-Nitroaniline	ND	1800	360	ug/Kg	09/13/14	KCA	SW 8270
2-Nitrophenol	ND	250	230	ug/Kg	09/13/14	KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	09/13/14	KCA	SW 8270
3,3'-Dichlorobenzidine	ND	720	170	ug/Kg	09/13/14	KCA	SW 8270
3-Nitroaniline	ND	1800	780	ug/Kg	09/13/14	KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	09/13/14	KCA	SW 8270
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
4-Chloroaniline	ND	720	170	ug/Kg	09/13/14	KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1800	120	ug/Kg	09/13/14	KCA	SW 8270
4-Nitrophenol	ND	1800	160	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthylene	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Acetophenone	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Aniline	ND	1800	720	ug/Kg	09/13/14	KCA	SW 8270
Anthracene	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270
Benz(a)anthracene	480	250	120	ug/Kg	09/13/14	KCA	SW 8270
Benzidine	ND	720	210	ug/Kg	09/13/14	KCA	SW 8270
Benzo(a)pyrene	450	250	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(b)fluoranthene	700	250	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(ghi)perylene	160	J 250	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(k)fluoranthene	260	250	120	ug/Kg	09/13/14	KCA	SW 8270
Benzoic acid	ND	1800	720	ug/Kg	09/13/14	KCA	SW 8270
Benzyl butyl phthalate	ND	250	93	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	250	97	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-ethylhexyl)phthalate	120	J 250	100	ug/Kg	09/13/14	KCA	SW 8270
Carbazole	ND	1800	270	ug/Kg	09/13/14	KCA	SW 8270
Chrysene	500	250	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenzofuran	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Di-n-butylphthalate	ND	250	95	ug/Kg	09/13/14	KCA	SW 8270
Di-n-octylphthalate	ND	250	93	ug/Kg	09/13/14	KCA	SW 8270
Fluoranthene	810	250	120	ug/Kg	09/13/14	KCA	SW 8270
Fluorene	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobenzene	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Indeno(1,2,3-cd)pyrene	140	J 250	120	ug/Kg	09/13/14	KCA	SW 8270
Isophorone	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Naphthalene	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Nitrobenzene	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
Pentachlorophenol	ND	250	140	ug/Kg	09/13/14	KCA	SW 8270
Phenanthrene	450	250	100	ug/Kg	09/13/14	KCA	SW 8270
Phenol	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Pyrene	790	250	120	ug/Kg	09/13/14	KCA	SW 8270
Pyridine	ND	250	88	ug/Kg	09/13/14	KCA	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	75			%	09/13/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	81			%	09/13/14	KCA	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	86			%	09/13/14	KCA	25 - 121 %
% Nitrobenzene-d5	78			%	09/13/14	KCA	23 - 120 %
% Phenol-d5	84			%	09/13/14	KCA	24 - 113 %
% Terphenyl-d14	88			%	09/13/14	KCA	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

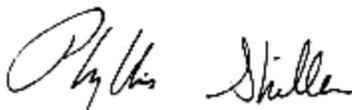
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

9:15  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13120

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 1 12-14 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Aluminum	7030	37	7.4	mg/Kg	09/15/14	LK	SW6010
Arsenic	1.3	0.7	0.74	mg/Kg	09/15/14	LK	SW6010
Barium	34.2	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.38	0.30	0.15	mg/Kg	09/15/14	LK	SW6010
Calcium	725	37	34	mg/Kg	09/15/14	LK	SW6010
Cadmium	< 0.37	0.37	0.15	mg/Kg	09/15/14	LK	SW6010
Cobalt	5.44	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Chromium	16.4	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Copper	15.2	0.37	0.37	mg/kg	09/15/14	LK	SW6010
Iron	18100	37	37	mg/Kg	09/15/14	LK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	09/15/14	RS	SW-7471
Potassium	1050	N 7	2.9	mg/Kg	09/16/14	LK	SW6010
Magnesium	1510	3.7	3.7	mg/Kg	09/15/14	LK	SW6010
Manganese	219	3.7	3.7	mg/Kg	09/15/14	LK	SW6010
Sodium	140	N 7	3.2	mg/Kg	09/16/14	LK	SW6010
Nickel	10.3	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Lead	4.6	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/15/14	LK	SW6010
Vanadium	24.7	0.4	0.37	mg/Kg	09/15/14	LK	SW6010
Zinc	23.3	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Percent Solid	88			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/13/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	72			%	09/13/14	AW	30 - 150 %
% TCMX	81			%	09/13/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
a-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
b-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	09/13/14	CE	SW8081
d-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin ketone	ND	5.5	5.5	ug/Kg	09/13/14	CE	SW8081
g-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	09/13/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	09/13/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	81			%	09/13/14	CE	30 - 150 %
% TCMX	72			%	09/13/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	9.5	1.6	ug/Kg	09/13/14	JLI	SW8260
1,1,1-Trichloroethane	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260
1,1,2-Trichloroethane	ND	9.5	0.93	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloroethane	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	9.5	2.1	ug/Kg	09/13/14	JLI	SW8260	
1,1-Dichloropropene	ND	9.5	1.8	ug/Kg	09/13/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260	
1,2,3-Trichloropropane	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND	9.5	1.4	ug/Kg	09/13/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND	9.5	2.5	ug/Kg	09/13/14	JLI	SW8260	
1,2-Dibromoethane	ND	9.5	2.5	ug/Kg	09/13/14	JLI	SW8260	
1,2-Dichlorobenzene	ND	9.5	1.0	ug/Kg	09/13/14	JLI	SW8260	
1,2-Dichloroethane	ND	9.5	0.84	ug/Kg	09/13/14	JLI	SW8260	
1,2-Dichloropropane	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260	
1,3-Dichlorobenzene	ND	9.5	1.4	ug/Kg	09/13/14	JLI	SW8260	
1,3-Dichloropropane	ND	9.5	1.0	ug/Kg	09/13/14	JLI	SW8260	
1,4-Dichlorobenzene	ND	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260	
2,2-Dichloropropane	ND	9.5	1.6	ug/Kg	09/13/14	JLI	SW8260	
2-Chlorotoluene	ND	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260	
2-Hexanone	ND	47	4.3	ug/Kg	09/13/14	JLI	SW8260	
2-Isopropyltoluene	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260	
4-Chlorotoluene	ND	9.5	1.1	ug/Kg	09/13/14	JLI	SW8260	
4-Methyl-2-pentanone	ND	47	2.3	ug/Kg	09/13/14	JLI	SW8260	
Acetone	11	JS	50	9.4	ug/Kg	09/13/14	JLI	SW8260
Acrylonitrile	ND	19	5.3	ug/Kg	09/13/14	JLI	SW8260	
Benzene	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260	
Bromobenzene	ND	9.5	1.2	ug/Kg	09/13/14	JLI	SW8260	
Bromochloromethane	ND	9.5	1.4	ug/Kg	09/13/14	JLI	SW8260	
Bromodichloromethane	ND	9.5	1.2	ug/Kg	09/13/14	JLI	SW8260	
Bromoform	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260	
Bromomethane	ND	9.5	7.3	ug/Kg	09/13/14	JLI	SW8260	
Carbon Disulfide	2.9	J	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260
Carbon tetrachloride	ND	9.5	1.1	ug/Kg	09/13/14	JLI	SW8260	
Chlorobenzene	ND	9.5	1.4	ug/Kg	09/13/14	JLI	SW8260	
Chloroethane	ND	9.5	2.2	ug/Kg	09/13/14	JLI	SW8260	
Chloroform	ND	9.5	1.7	ug/Kg	09/13/14	JLI	SW8260	
Chloromethane	ND	9.5	5.0	ug/Kg	09/13/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND	9.5	2.1	ug/Kg	09/13/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND	9.5	1.0	ug/Kg	09/13/14	JLI	SW8260	
Dibromochloromethane	ND	9.5	1.1	ug/Kg	09/13/14	JLI	SW8260	
Dibromomethane	ND	9.5	1.2	ug/Kg	09/13/14	JLI	SW8260	
Dichlorodifluoromethane	ND	9.5	2.5	ug/Kg	09/13/14	JLI	SW8260	
Ethylbenzene	ND	9.5	1.7	ug/Kg	09/13/14	JLI	SW8260	
Hexachlorobutadiene	ND	9.5	2.0	ug/Kg	09/13/14	JLI	SW8260	
Isopropylbenzene	ND	9.5	1.8	ug/Kg	09/13/14	JLI	SW8260	
m&p-Xylene	ND	9.5	3.7	ug/Kg	09/13/14	JLI	SW8260	
Methyl Ethyl Ketone	ND	57	8.2	ug/Kg	09/13/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND	19	2.6	ug/Kg	09/13/14	JLI	SW8260	
Methylene chloride	1.9	JS	9.5	1.6	ug/Kg	09/13/14	JLI	SW8260
Naphthalene	ND	9.5	2.5	ug/Kg	09/13/14	JLI	SW8260	
n-Butylbenzene	ND	9.5	1.7	ug/Kg	09/13/14	JLI	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	9.5	1.7	ug/Kg	09/13/14	JLI	SW8260
o-Xylene	ND	9.5	3.6	ug/Kg	09/13/14	JLI	SW8260
p-Isopropyltoluene	ND	9.5	1.4	ug/Kg	09/13/14	JLI	SW8260
sec-Butylbenzene	ND	9.5	1.8	ug/Kg	09/13/14	JLI	SW8260
Styrene	ND	9.5	2.7	ug/Kg	09/13/14	JLI	SW8260
tert-Butylbenzene	ND	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260
Tetrachloroethene	ND	9.5	2.0	ug/Kg	09/13/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	19	8.5	ug/Kg	09/13/14	JLI	SW8260
Toluene	ND	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	19	18	ug/Kg	09/13/14	JLI	SW8260
Trichloroethene	ND	9.5	2.0	ug/Kg	09/13/14	JLI	SW8260
Trichlorofluoromethane	ND	9.5	2.1	ug/Kg	09/13/14	JLI	SW8260
Trichlorotrifluoroethane	ND	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260
Vinyl chloride	ND	9.5	3.1	ug/Kg	09/13/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	99			%	09/13/14	JLI	70 - 121 %
% Bromofluorobenzene	91			%	09/13/14	JLI	59 - 113 %
% Dibromofluoromethane	106			%	09/13/14	JLI	70 - 130 %
% Toluene-d8	101			%	09/13/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	09/13/14	KCA	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dimethylphenol	ND	260	94	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrophenol	ND	1900	260	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	09/13/14	KCA	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	09/13/14	KCA	SW 8270
2-Nitroaniline	ND	1900	380	ug/Kg	09/13/14	KCA	SW 8270
2-Nitrophenol	ND	260	240	ug/Kg	09/13/14	KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	09/13/14	KCA	SW 8270
3,3'-Dichlorobenzidine	ND	760	180	ug/Kg	09/13/14	KCA	SW 8270
3-Nitroaniline	ND	1900	820	ug/Kg	09/13/14	KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	09/13/14	KCA	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
4-Chloroaniline	ND	760	180	ug/Kg	09/13/14	KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	09/13/14	KCA	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthylene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Acetophenone	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Aniline	ND	1900	760	ug/Kg	09/13/14	KCA	SW 8270
Anthracene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benz(a)anthracene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzidine	ND	760	220	ug/Kg	09/13/14	KCA	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(k)fluoranthene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzoic acid	ND	1900	760	ug/Kg	09/13/14	KCA	SW 8270
Benzyl butyl phthalate	ND	260	97	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Carbazole	ND	1900	290	ug/Kg	09/13/14	KCA	SW 8270
Chrysene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dimethylphthalate	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Di-n-butylphthalate	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Di-n-octylphthalate	ND	260	97	ug/Kg	09/13/14	KCA	SW 8270
Fluoranthene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Fluorene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobutadiene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Isophorone	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Naphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Phenanthrene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Phenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Pyrene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Pyridine	ND	260	93	ug/Kg	09/13/14	KCA	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	89			%	09/13/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	70			%	09/13/14	KCA	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	67			%	09/13/14	KCA	25 - 121 %
% Nitrobenzene-d5	53			%	09/13/14	KCA	23 - 120 %
% Phenol-d5	67			%	09/13/14	KCA	24 - 113 %
% Terphenyl-d14	102			%	09/13/14	KCA	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

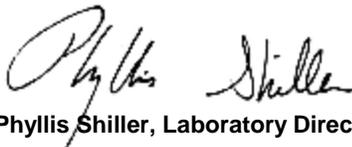
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

10:00  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13121

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 2 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 1.0	1.0	1.0	mg/Kg	09/15/14	LK	SW6010
Aluminum	6860	36	7.1	mg/Kg	09/15/14	LK	SW6010
Arsenic	10.6	0.7	0.71	mg/Kg	09/15/14	LK	SW6010
Barium	198	0.7	0.36	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.33	0.28	0.14	mg/Kg	09/15/14	LK	SW6010
Calcium	52100	36	33	mg/Kg	09/15/14	LK	SW6010
Cadmium	1.25	0.36	0.14	mg/Kg	09/15/14	LK	SW6010
Cobalt	5.60	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Chromium	19.4	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Copper	112	0.36	0.36	mg/kg	09/15/14	LK	SW6010
Iron	26100	36	36	mg/Kg	09/15/14	LK	SW6010
Mercury	0.66	0.07	0.04	mg/Kg	09/15/14	RS	SW-7471
Potassium	1730	N 7	2.8	mg/Kg	09/16/14	LK	SW6010
Magnesium	7320	36	36	mg/Kg	09/15/14	LK	SW6010
Manganese	284	3.6	3.6	mg/Kg	09/15/14	LK	SW6010
Sodium	905	N 7	3.1	mg/Kg	09/16/14	LK	SW6010
Nickel	19.3	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Lead	352	7.1	3.6	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	09/15/14	LK	SW6010
Vanadium	29.4	0.4	0.36	mg/Kg	09/15/14	LK	SW6010
Zinc	956	7.1	3.6	mg/Kg	09/15/14	LK	SW6010
Percent Solid	88			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	160	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	09/13/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	82			%	09/13/14	AW	30 - 150 %
% TCMX	75			%	09/13/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	27	27	ug/Kg	09/15/14	CE	SW8081
4,4' -DDE	ND	27	27	ug/Kg	09/15/14	CE	SW8081
4,4' -DDT	ND	27	27	ug/Kg	09/15/14	CE	SW8081
a-BHC	ND	38	38	ug/Kg	09/15/14	CE	SW8081
a-Chlordane	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Aldrin	ND	19	19	ug/Kg	09/15/14	CE	SW8081
b-BHC	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Chlordane	ND	380	380	ug/Kg	09/15/14	CE	SW8081
d-BHC	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Dieldrin	ND	19	19	ug/Kg	09/15/14	CE	SW8081
Endosulfan I	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Endosulfan II	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Endosulfan sulfate	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Endrin	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Endrin aldehyde	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Endrin ketone	ND	19	19	ug/Kg	09/15/14	CE	SW8081
g-BHC	ND	38	38	ug/Kg	09/15/14	CE	SW8081
g-Chlordane	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Heptachlor	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Heptachlor epoxide	ND	19	19	ug/Kg	09/15/14	CE	SW8081
Methoxychlor	ND	76	76	ug/Kg	09/15/14	CE	SW8081
Toxaphene	ND	1900	1900	ug/Kg	09/15/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	Diluted Out			%	09/15/14	CE	30 - 150 %
% TCMX	Diluted Out			%	09/15/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	9.0	1.5	ug/Kg	09/13/14	JLI	SW8260
1,1,1-Trichloroethane	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
1,1,2-Trichloroethane	ND	9.0	0.89	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloroethane	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	9.0	2.0	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloropropene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichloropropane	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trimethylbenzene	2.1	J 9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	9.0	2.4	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromoethane	ND	9.0	2.4	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichlorobenzene	ND	9.0	0.99	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloroethane	ND	9.0	0.80	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloropropane	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	9.0	1.2	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichlorobenzene	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichloropropane	ND	9.0	0.96	ug/Kg	09/13/14	JLI	SW8260
1,4-Dichlorobenzene	ND	9.0	1.4	ug/Kg	09/13/14	JLI	SW8260
2,2-Dichloropropane	ND	9.0	1.5	ug/Kg	09/13/14	JLI	SW8260
2-Chlorotoluene	ND	9.0	1.4	ug/Kg	09/13/14	JLI	SW8260
2-Hexanone	ND	45	4.1	ug/Kg	09/13/14	JLI	SW8260
2-Isopropyltoluene	ND	9.0	1.2	ug/Kg	09/13/14	JLI	SW8260
4-Chlorotoluene	ND	9.0	1.0	ug/Kg	09/13/14	JLI	SW8260
4-Methyl-2-pentanone	ND	45	2.2	ug/Kg	09/13/14	JLI	SW8260
Acetone	82	JS 90	9.0	ug/Kg	09/13/14	JLI	SW8260
Acrylonitrile	ND	18	5.1	ug/Kg	09/13/14	JLI	SW8260
Benzene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
Bromobenzene	ND	9.0	1.2	ug/Kg	09/13/14	JLI	SW8260
Bromochloromethane	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
Bromodichloromethane	ND	9.0	1.1	ug/Kg	09/13/14	JLI	SW8260
Bromoform	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
Bromomethane	ND	9.0	7.0	ug/Kg	09/13/14	JLI	SW8260
Carbon Disulfide	17	9.0	1.5	ug/Kg	09/13/14	JLI	SW8260
Carbon tetrachloride	ND	9.0	1.0	ug/Kg	09/13/14	JLI	SW8260
Chlorobenzene	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
Chloroethane	ND	9.0	2.1	ug/Kg	09/13/14	JLI	SW8260
Chloroform	ND	9.0	1.6	ug/Kg	09/13/14	JLI	SW8260
Chloromethane	ND	9.0	4.7	ug/Kg	09/13/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	9.0	2.0	ug/Kg	09/13/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	9.0	0.98	ug/Kg	09/13/14	JLI	SW8260
Dibromochloromethane	ND	9.0	1.0	ug/Kg	09/13/14	JLI	SW8260
Dibromomethane	ND	9.0	1.1	ug/Kg	09/13/14	JLI	SW8260
Dichlorodifluoromethane	ND	9.0	2.4	ug/Kg	09/13/14	JLI	SW8260
Ethylbenzene	2.8	J 9.0	1.6	ug/Kg	09/13/14	JLI	SW8260
Hexachlorobutadiene	ND	9.0	1.9	ug/Kg	09/13/14	JLI	SW8260
Isopropylbenzene	ND	9.0	1.7	ug/Kg	09/13/14	JLI	SW8260
m&p-Xylene	14	9.0	3.6	ug/Kg	09/13/14	JLI	SW8260
Methyl Ethyl Ketone	11	J 54	7.8	ug/Kg	09/13/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	18	2.5	ug/Kg	09/13/14	JLI	SW8260
Methylene chloride	2.0	JS 9.0	1.5	ug/Kg	09/13/14	JLI	SW8260
Naphthalene	390	320	85	ug/Kg	09/14/14	JLI	SW8260
n-Butylbenzene	ND	9.0	1.6	ug/Kg	09/13/14	JLI	SW8260

1

B\*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	9.0	1.6	ug/Kg	09/13/14	JLI	SW8260
o-Xylene	15	9.0	3.5	ug/Kg	09/13/14	JLI	SW8260
p-Isopropyltoluene	1.3	J 9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
sec-Butylbenzene	ND	9.0	1.7	ug/Kg	09/13/14	JLI	SW8260
Styrene	ND	9.0	2.6	ug/Kg	09/13/14	JLI	SW8260
tert-Butylbenzene	ND	9.0	1.4	ug/Kg	09/13/14	JLI	SW8260
Tetrachloroethene	ND	9.0	1.9	ug/Kg	09/13/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	18	8.1	ug/Kg	09/13/14	JLI	SW8260
Toluene	ND	9.0	1.4	ug/Kg	09/13/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	18	17	ug/Kg	09/13/14	JLI	SW8260
Trichloroethene	ND	9.0	1.9	ug/Kg	09/13/14	JLI	SW8260
Trichlorofluoromethane	ND	9.0	2.0	ug/Kg	09/13/14	JLI	SW8260
Trichlorotrifluoroethane	ND	9.0	1.4	ug/Kg	09/13/14	JLI	SW8260
Vinyl chloride	ND	9.0	2.9	ug/Kg	09/13/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	98			%	09/13/14	JLI	70 - 121 %
% Bromofluorobenzene	89			%	09/13/14	JLI	59 - 113 %
% Dibromofluoromethane	104			%	09/13/14	JLI	70 - 130 %
% Toluene-d8	98			%	09/13/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/13/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
1,2-Dichlorobenzene	ND	260	100	ug/Kg	09/13/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	09/13/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/13/14	DD	SW 8270
2,4-Dimethylphenol	ND	260	92	ug/Kg	09/13/14	DD	SW 8270
2,4-Dinitrophenol	ND	1900	260	ug/Kg	09/13/14	DD	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	09/13/14	DD	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
2-Methylnaphthalene	540	260	110	ug/Kg	09/13/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	09/13/14	DD	SW 8270
2-Nitroaniline	ND	1900	370	ug/Kg	09/13/14	DD	SW 8270
2-Nitrophenol	ND	260	230	ug/Kg	09/13/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	09/13/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	740	170	ug/Kg	09/13/14	DD	SW 8270
3-Nitroaniline	ND	1900	810	ug/Kg	09/13/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	09/13/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/13/14	DD	SW 8270
4-Chloroaniline	ND	740	170	ug/Kg	09/13/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	09/13/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	120	ug/Kg	09/13/14	DD	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	09/13/14	DD	SW 8270
Acenaphthene	1200	260	110	ug/Kg	09/13/14	DD	SW 8270
Acenaphthylene	410	260	100	ug/Kg	09/13/14	DD	SW 8270
Acetophenone	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
Aniline	ND	1900	750	ug/Kg	09/13/14	DD	SW 8270
Anthracene	3900	260	120	ug/Kg	09/13/14	DD	SW 8270
Benz(a)anthracene	10000	1300	620	ug/Kg	09/14/14	DD	SW 8270
Benzidine	ND	740	220	ug/Kg	09/13/14	DD	SW 8270
Benzo(a)pyrene	8000	1300	600	ug/Kg	09/14/14	DD	SW 8270
Benzo(b)fluoranthene	11000	1300	630	ug/Kg	09/14/14	DD	SW 8270
Benzo(ghi)perylene	1900	260	120	ug/Kg	09/13/14	DD	SW 8270
Benzo(k)fluoranthene	3400	260	120	ug/Kg	09/13/14	DD	SW 8270
Benzoic acid	ND	1900	740	ug/Kg	09/13/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	260	95	ug/Kg	09/13/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/13/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	09/13/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/13/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	370	260	110	ug/Kg	09/13/14	DD	SW 8270
Carbazole	1600	J 1900	280	ug/Kg	09/13/14	DD	SW 8270
Chrysene	11000	1300	620	ug/Kg	09/14/14	DD	SW 8270
Dibenz(a,h)anthracene	580	260	120	ug/Kg	09/13/14	DD	SW 8270
Dibenzofuran	860	260	110	ug/Kg	09/13/14	DD	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
Dimethylphthalate	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
Di-n-butylphthalate	ND	260	98	ug/Kg	09/13/14	DD	SW 8270
Di-n-octylphthalate	ND	260	95	ug/Kg	09/13/14	DD	SW 8270
Fluoranthene	21000	6500	3000	ug/Kg	09/15/14	DD	SW 8270
Fluorene	2000	260	120	ug/Kg	09/13/14	DD	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
Hexachlorobutadiene	ND	260	130	ug/Kg	09/13/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	1900	260	120	ug/Kg	09/13/14	DD	SW 8270
Isophorone	ND	260	100	ug/Kg	09/13/14	DD	SW 8270
Naphthalene	700	260	110	ug/Kg	09/13/14	DD	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/13/14	DD	SW 8270
N-Nitrosodimethylamine	ND	260	100	ug/Kg	09/13/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/13/14	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/13/14	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/13/14	DD	SW 8270
Phenanthrene	23000	1300	530	ug/Kg	09/14/14	DD	SW 8270
Phenol	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
Pyrene	22000	6500	3200	ug/Kg	09/15/14	DD	SW 8270
Pyridine	ND	260	91	ug/Kg	09/13/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	81			%	09/13/14	DD	19 - 122 %
% 2-Fluorobiphenyl	73			%	09/13/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	85			%	09/13/14	DD	25 - 121 %
% Nitrobenzene-d5	74			%	09/13/14	DD	23 - 120 %
% Phenol-d5	85			%	09/13/14	DD	24 - 113 %
% Terphenyl-d14	82			%	09/13/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

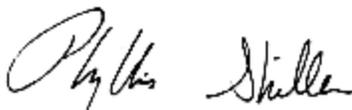
**Pesticide Comment:**

Due to matrix interference caused by the presence of PCBs in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

10:15  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13122

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 2 12-14 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Aluminum	11700	37	7.5	mg/Kg	09/15/14	LK	SW6010
Arsenic	< 0.7	0.7	0.75	mg/Kg	09/15/14	LK	SW6010
Barium	41.8	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.37	0.30	0.15	mg/Kg	09/15/14	LK	SW6010
Calcium	1020	37	34	mg/Kg	09/15/14	LK	SW6010
Cadmium	< 0.37	0.37	0.15	mg/Kg	09/15/14	LK	SW6010
Cobalt	13.8	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Chromium	25.3	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Copper	14.0	0.37	0.37	mg/kg	09/15/14	LK	SW6010
Iron	20100	37	37	mg/Kg	09/15/14	LK	SW6010
Mercury	< 0.08	0.08	0.05	mg/Kg	09/15/14	RS	SW-7471
Potassium	1020	N 7	2.9	mg/Kg	09/16/14	LK	SW6010
Magnesium	4240	3.7	3.7	mg/Kg	09/15/14	LK	SW6010
Manganese	328	3.7	3.7	mg/Kg	09/15/14	LK	SW6010
Sodium	206	N 7	3.2	mg/Kg	09/16/14	LK	SW6010
Nickel	18.5	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Lead	4.9	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.9	1.9	1.9	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/15/14	LK	SW6010
Vanadium	25.8	0.4	0.37	mg/Kg	09/15/14	LK	SW6010
Zinc	54.5	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Percent Solid	88			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/13/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	85			%	09/13/14	AW	30 - 150 %
% TCMX	94			%	09/13/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
a-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
b-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	09/13/14	CE	SW8081
d-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin	ND	4.5	4.5	ug/Kg	09/13/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin ketone	ND	4.0	4.0	ug/Kg	09/13/14	CE	SW8081
g-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Methoxychlor	ND	7.5	7.5	ug/Kg	09/13/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	09/13/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	79			%	09/13/14	CE	30 - 150 %
% TCMX	83			%	09/13/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
1,1,1-Trichloroethane	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	7.4	1.0	ug/Kg	09/14/14	JLI	SW8260
1,1,2-Trichloroethane	ND	7.4	0.72	ug/Kg	09/14/14	JLI	SW8260
1,1-Dichloroethane	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
1,1-Dichloropropene	ND	7.4	1.4	ug/Kg	09/14/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
1,2,3-Trichloropropane	ND	7.4	1.0	ug/Kg	09/14/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	7.4	1.1	ug/Kg	09/14/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	7.4	2.0	ug/Kg	09/14/14	JLI	SW8260
1,2-Dibromoethane	ND	7.4	2.0	ug/Kg	09/14/14	JLI	SW8260
1,2-Dichlorobenzene	ND	7.4	0.81	ug/Kg	09/14/14	JLI	SW8260
1,2-Dichloroethane	ND	7.4	0.65	ug/Kg	09/14/14	JLI	SW8260
1,2-Dichloropropane	ND	7.4	1.0	ug/Kg	09/14/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	7.4	0.98	ug/Kg	09/14/14	JLI	SW8260
1,3-Dichlorobenzene	ND	7.4	1.1	ug/Kg	09/14/14	JLI	SW8260
1,3-Dichloropropane	ND	7.4	0.78	ug/Kg	09/14/14	JLI	SW8260
1,4-Dichlorobenzene	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
2,2-Dichloropropane	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
2-Chlorotoluene	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
2-Hexanone	ND	37	3.3	ug/Kg	09/14/14	JLI	SW8260
2-Isopropyltoluene	ND	7.4	1.0	ug/Kg	09/14/14	JLI	SW8260
4-Chlorotoluene	ND	7.4	0.86	ug/Kg	09/14/14	JLI	SW8260
4-Methyl-2-pentanone	ND	37	1.8	ug/Kg	09/14/14	JLI	SW8260
Acetone	19	JS 50	7.3	ug/Kg	09/14/14	JLI	SW8260
Acrylonitrile	ND	15	4.2	ug/Kg	09/14/14	JLI	SW8260
Benzene	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
Bromobenzene	ND	7.4	0.96	ug/Kg	09/14/14	JLI	SW8260
Bromochloromethane	ND	7.4	1.1	ug/Kg	09/14/14	JLI	SW8260
Bromodichloromethane	ND	7.4	0.92	ug/Kg	09/14/14	JLI	SW8260
Bromoform	ND	7.4	1.0	ug/Kg	09/14/14	JLI	SW8260
Bromomethane	ND	7.4	5.7	ug/Kg	09/14/14	JLI	SW8260
Carbon Disulfide	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
Carbon tetrachloride	ND	7.4	0.86	ug/Kg	09/14/14	JLI	SW8260
Chlorobenzene	ND	7.4	1.1	ug/Kg	09/14/14	JLI	SW8260
Chloroethane	ND	7.4	1.7	ug/Kg	09/14/14	JLI	SW8260
Chloroform	ND	7.4	1.3	ug/Kg	09/14/14	JLI	SW8260
Chloromethane	ND	7.4	3.9	ug/Kg	09/14/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	7.4	0.80	ug/Kg	09/14/14	JLI	SW8260
Dibromochloromethane	ND	7.4	0.83	ug/Kg	09/14/14	JLI	SW8260
Dibromomethane	ND	7.4	0.93	ug/Kg	09/14/14	JLI	SW8260
Dichlorodifluoromethane	ND	7.4	2.0	ug/Kg	09/14/14	JLI	SW8260
Ethylbenzene	ND	7.4	1.3	ug/Kg	09/14/14	JLI	SW8260
Hexachlorobutadiene	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
Isopropylbenzene	ND	7.4	1.4	ug/Kg	09/14/14	JLI	SW8260
m&p-Xylene	ND	7.4	2.9	ug/Kg	09/14/14	JLI	SW8260
Methyl Ethyl Ketone	ND	44	6.4	ug/Kg	09/14/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	15	2.0	ug/Kg	09/14/14	JLI	SW8260
Methylene chloride	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
Naphthalene	ND	7.4	2.0	ug/Kg	09/14/14	JLI	SW8260
n-Butylbenzene	ND	7.4	1.3	ug/Kg	09/14/14	JLI	SW8260

1

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	7.4	1.3	ug/Kg	09/14/14	JLI	SW8260
o-Xylene	ND	7.4	2.8	ug/Kg	09/14/14	JLI	SW8260
p-Isopropyltoluene	ND	7.4	1.1	ug/Kg	09/14/14	JLI	SW8260
sec-Butylbenzene	ND	7.4	1.4	ug/Kg	09/14/14	JLI	SW8260
Styrene	ND	7.4	2.1	ug/Kg	09/14/14	JLI	SW8260
tert-Butylbenzene	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
Tetrachloroethene	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	15	6.6	ug/Kg	09/14/14	JLI	SW8260
Toluene	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	15	14	ug/Kg	09/14/14	JLI	SW8260
Trichloroethene	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
Trichlorofluoromethane	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
Trichlorotrifluoroethane	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
Vinyl chloride	ND	7.4	2.4	ug/Kg	09/14/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	97			%	09/14/14	JLI	70 - 121 %
% Bromofluorobenzene	99			%	09/14/14	JLI	59 - 113 %
% Dibromofluoromethane	100			%	09/14/14	JLI	70 - 130 %
% Toluene-d8	94			%	09/14/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
1,2-Dichlorobenzene	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	09/14/14	KCA	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
2,4-Dimethylphenol	ND	260	92	ug/Kg	09/14/14	KCA	SW 8270
2,4-Dinitrophenol	ND	1800	260	ug/Kg	09/14/14	KCA	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	09/14/14	KCA	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
2-Chloronaphthalene	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
2-Chlorophenol	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	09/14/14	KCA	SW 8270
2-Nitroaniline	ND	1800	370	ug/Kg	09/14/14	KCA	SW 8270
2-Nitrophenol	ND	260	230	ug/Kg	09/14/14	KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	09/14/14	KCA	SW 8270
3,3'-Dichlorobenzidine	ND	740	170	ug/Kg	09/14/14	KCA	SW 8270
3-Nitroaniline	ND	1800	800	ug/Kg	09/14/14	KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	400	ug/Kg	09/14/14	KCA	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
4-Chloroaniline	ND	740	170	ug/Kg	09/14/14	KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1800	120	ug/Kg	09/14/14	KCA	SW 8270
4-Nitrophenol	ND	1800	170	ug/Kg	09/14/14	KCA	SW 8270
Acenaphthene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
Acetophenone	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Aniline	ND	1800	750	ug/Kg	09/14/14	KCA	SW 8270
Anthracene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Benz(a)anthracene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Benzidine	ND	740	220	ug/Kg	09/14/14	KCA	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Benzo(k)fluoranthene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Benzoic acid	ND	1800	740	ug/Kg	09/14/14	KCA	SW 8270 1
Benzyl butyl phthalate	ND	260	95	ug/Kg	09/14/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Carbazole	ND	1800	280	ug/Kg	09/14/14	KCA	SW 8270
Chrysene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Dimethylphthalate	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Di-n-butylphthalate	ND	260	98	ug/Kg	09/14/14	KCA	SW 8270
Di-n-octylphthalate	ND	260	95	ug/Kg	09/14/14	KCA	SW 8270
Fluoranthene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Fluorene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Hexachlorobutadiene	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Isophorone	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
Naphthalene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/14/14	KCA	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/14/14	KCA	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/14/14	KCA	SW 8270
Phenanthrene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Phenol	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Pyrene	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
Pyridine	ND	260	91	ug/Kg	09/14/14	KCA	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	95			%	09/14/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	74			%	09/14/14	KCA	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	91			%	09/14/14	KCA	25 - 121 %
% Nitrobenzene-d5	74			%	09/14/14	KCA	23 - 120 %
% Phenol-d5	90			%	09/14/14	KCA	24 - 113 %
% Terphenyl-d14	120			%	09/14/14	KCA	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

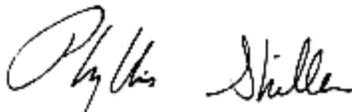
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

11:00  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13123

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 3 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Aluminum	7170	37	7.4	mg/Kg	09/15/14	LK	SW6010
Arsenic	10.6	0.7	0.74	mg/Kg	09/15/14	LK	SW6010
Barium	186	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.33	0.30	0.15	mg/Kg	09/15/14	LK	SW6010
Calcium	43400	37	34	mg/Kg	09/15/14	LK	SW6010
Cadmium	0.67	0.37	0.15	mg/Kg	09/15/14	LK	SW6010
Cobalt	4.68	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Chromium	17.1	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Copper	77.6	0.37	0.37	mg/kg	09/15/14	LK	SW6010
Iron	19300	37	37	mg/Kg	09/15/14	LK	SW6010
Mercury	2.05	0.08	0.05	mg/Kg	09/15/14	RS	SW-7471
Potassium	1170	N 7	2.9	mg/Kg	09/16/14	LK	SW6010
Magnesium	10600	37	37	mg/Kg	09/15/14	LK	SW6010
Manganese	178	3.7	3.7	mg/Kg	09/15/14	LK	SW6010
Sodium	277	N 7	3.2	mg/Kg	09/16/14	LK	SW6010
Nickel	11.9	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Lead	356	7.4	3.7	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/15/14	LK	SW6010
Vanadium	19.6	0.4	0.37	mg/Kg	09/15/14	LK	SW6010
Zinc	551	7.4	3.7	mg/Kg	09/15/14	LK	SW6010
Percent Solid	88			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/13/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	68			%	09/13/14	AW	30 - 150 %
% TCMX	79			%	09/13/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDT	ND	7.0	7.0	ug/Kg	09/13/14	CE	SW8081
a-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
b-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	09/13/14	CE	SW8081
d-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
g-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	09/13/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	09/13/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	71			%	09/13/14	CE	30 - 150 %
% TCMX	70			%	09/13/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	11	1.7	ug/Kg	09/13/14	JLI	SW8260
1,1,1-Trichloroethane	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
1,1,2-Trichloroethane	ND	11	1.0	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloroethane	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	11	2.3	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloropropene	ND	11	2.0	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichloropropane	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	11	2.8	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromoethane	ND	11	2.8	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichlorobenzene	ND	11	1.2	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloroethane	ND	11	0.93	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloropropane	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	11	1.4	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichlorobenzene	ND	11	1.6	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichloropropane	ND	11	1.1	ug/Kg	09/13/14	JLI	SW8260
1,4-Dichlorobenzene	ND	11	1.7	ug/Kg	09/13/14	JLI	SW8260
2,2-Dichloropropane	ND	11	1.8	ug/Kg	09/13/14	JLI	SW8260
2-Chlorotoluene	ND	11	1.7	ug/Kg	09/13/14	JLI	SW8260
2-Hexanone	ND	53	4.7	ug/Kg	09/13/14	JLI	SW8260
2-Isopropyltoluene	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
4-Chlorotoluene	ND	11	1.2	ug/Kg	09/13/14	JLI	SW8260
4-Methyl-2-pentanone	ND	53	2.5	ug/Kg	09/13/14	JLI	SW8260
Acetone	340	S 110	10	ug/Kg	09/13/14	JLI	SW8260
Acrylonitrile	ND	21	5.9	ug/Kg	09/13/14	JLI	SW8260
Benzene	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
Bromobenzene	ND	11	1.4	ug/Kg	09/13/14	JLI	SW8260
Bromochloromethane	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
Bromodichloromethane	ND	11	1.3	ug/Kg	09/13/14	JLI	SW8260
Bromoform	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
Bromomethane	ND	11	8.1	ug/Kg	09/13/14	JLI	SW8260
Carbon Disulfide	8.0	J 11	1.7	ug/Kg	09/13/14	JLI	SW8260
Carbon tetrachloride	ND	11	1.2	ug/Kg	09/13/14	JLI	SW8260
Chlorobenzene	ND	11	1.6	ug/Kg	09/13/14	JLI	SW8260
Chloroethane	ND	11	2.5	ug/Kg	09/13/14	JLI	SW8260
Chloroform	ND	11	1.9	ug/Kg	09/13/14	JLI	SW8260
Chloromethane	ND	11	5.5	ug/Kg	09/13/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	11	2.3	ug/Kg	09/13/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	11	1.1	ug/Kg	09/13/14	JLI	SW8260
Dibromochloromethane	ND	11	1.2	ug/Kg	09/13/14	JLI	SW8260
Dibromomethane	ND	11	1.3	ug/Kg	09/13/14	JLI	SW8260
Dichlorodifluoromethane	ND	11	2.8	ug/Kg	09/13/14	JLI	SW8260
Ethylbenzene	ND	11	1.9	ug/Kg	09/13/14	JLI	SW8260
Hexachlorobutadiene	ND	11	2.2	ug/Kg	09/13/14	JLI	SW8260
Isopropylbenzene	ND	11	2.0	ug/Kg	09/13/14	JLI	SW8260
m&p-Xylene	ND	11	4.1	ug/Kg	09/13/14	JLI	SW8260
Methyl Ethyl Ketone	45	J 63	9.1	ug/Kg	09/13/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	21	2.9	ug/Kg	09/13/14	JLI	SW8260
Methylene chloride	2.3	JS 11	1.7	ug/Kg	09/13/14	JLI	SW8260
Naphthalene	ND	11	2.8	ug/Kg	09/13/14	JLI	SW8260
n-Butylbenzene	ND	11	1.9	ug/Kg	09/13/14	JLI	SW8260

1

B\*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	11	1.9	ug/Kg	09/13/14	JLI	SW8260
o-Xylene	ND	11	4.0	ug/Kg	09/13/14	JLI	SW8260
p-Isopropyltoluene	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
sec-Butylbenzene	ND	11	2.0	ug/Kg	09/13/14	JLI	SW8260
Styrene	ND	11	3.0	ug/Kg	09/13/14	JLI	SW8260
tert-Butylbenzene	ND	11	1.7	ug/Kg	09/13/14	JLI	SW8260
Tetrachloroethene	ND	11	2.2	ug/Kg	09/13/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	21	9.5	ug/Kg	09/13/14	JLI	SW8260
Toluene	48	J 290	46	ug/Kg	09/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	21	20	ug/Kg	09/13/14	JLI	SW8260
Trichloroethene	ND	11	2.2	ug/Kg	09/13/14	JLI	SW8260
Trichlorofluoromethane	ND	11	2.3	ug/Kg	09/13/14	JLI	SW8260
Trichlorotrifluoroethane	ND	11	1.6	ug/Kg	09/13/14	JLI	SW8260
Vinyl chloride	ND	11	3.4	ug/Kg	09/13/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	101			%	09/13/14	JLI	70 - 121 %
% Bromofluorobenzene	97			%	09/13/14	JLI	59 - 113 %
% Dibromofluoromethane	31			%	09/13/14	JLI	70 - 130 %
% Toluene-d8	99			%	09/13/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Dichlorobenzene	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	09/13/14	KCA	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dimethylphenol	ND	260	91	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrophenol	ND	1800	260	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrotoluene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2-Chloronaphthalene	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
2-Chlorophenol	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	09/13/14	KCA	SW 8270
2-Nitroaniline	ND	1800	370	ug/Kg	09/13/14	KCA	SW 8270
2-Nitrophenol	ND	260	230	ug/Kg	09/13/14	KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
3,3'-Dichlorobenzidine	ND	740	170	ug/Kg	09/13/14	KCA	SW 8270
3-Nitroaniline	ND	1800	800	ug/Kg	09/13/14	KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	400	ug/Kg	09/13/14	KCA	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
4-Chloroaniline	ND	740	170	ug/Kg	09/13/14	KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1800	120	ug/Kg	09/13/14	KCA	SW 8270
4-Nitrophenol	ND	1800	170	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Acetophenone	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Aniline	ND	1800	740	ug/Kg	09/13/14	KCA	SW 8270
Anthracene	120	J 260	120	ug/Kg	09/13/14	KCA	SW 8270
Benz(a)anthracene	580	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzidine	ND	740	220	ug/Kg	09/13/14	KCA	SW 8270
Benzo(a)pyrene	600	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(b)fluoranthene	860	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzo(ghi)perylene	230	J 260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(k)fluoranthene	300	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzoic acid	ND	1800	740	ug/Kg	09/13/14	KCA	SW 8270
Benzyl butyl phthalate	ND	260	95	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	260	99	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Carbazole	ND	1800	280	ug/Kg	09/13/14	KCA	SW 8270
Chrysene	580	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dimethylphthalate	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Di-n-butylphthalate	ND	260	98	ug/Kg	09/13/14	KCA	SW 8270
Di-n-octylphthalate	ND	260	95	ug/Kg	09/13/14	KCA	SW 8270
Fluoranthene	1100	260	120	ug/Kg	09/13/14	KCA	SW 8270
Fluorene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobutadiene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Indeno(1,2,3-cd)pyrene	200	J 260	120	ug/Kg	09/13/14	KCA	SW 8270
Isophorone	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Naphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Phenanthrene	570	260	110	ug/Kg	09/13/14	KCA	SW 8270
Phenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Pyrene	980	260	130	ug/Kg	09/13/14	KCA	SW 8270
Pyridine	ND	260	90	ug/Kg	09/13/14	KCA	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	<10			%	09/13/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	91			%	09/13/14	KCA	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	37			%	09/13/14	KCA	25 - 121 %
% Nitrobenzene-d5	79			%	09/13/14	KCA	23 - 120 %
% Phenol-d5	88			%	09/13/14	KCA	24 - 113 %
% Terphenyl-d14	98			%	09/13/14	KCA	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

**Volatile Comment:**

Poor surrogate recovery was observed for volatiles due to matrix interference. Sample was analyzed twice with similar results.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

11:15  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13124

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 3 12-14 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Aluminum	12800	36	7.2	mg/Kg	09/15/14	LK	SW6010
Arsenic	1.6	0.7	0.72	mg/Kg	09/15/14	LK	SW6010
Barium	55.4	0.7	0.36	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.61	0.29	0.14	mg/Kg	09/15/14	LK	SW6010
Calcium	943	36	33	mg/Kg	09/15/14	LK	SW6010
Cadmium	< 0.36	0.36	0.14	mg/Kg	09/15/14	LK	SW6010
Cobalt	7.47	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Chromium	25.9	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Copper	20.4	0.36	0.36	mg/kg	09/15/14	LK	SW6010
Iron	22900	36	36	mg/Kg	09/15/14	LK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	09/15/14	RS	SW-7471
Potassium	1880	N 7	2.8	mg/Kg	09/16/14	LK	SW6010
Magnesium	2830	3.6	3.6	mg/Kg	09/15/14	LK	SW6010
Manganese	399	3.6	3.6	mg/Kg	09/15/14	LK	SW6010
Sodium	147	N 7	3.1	mg/Kg	09/16/14	LK	SW6010
Nickel	14.4	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Lead	6.8	0.7	0.36	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	09/15/14	LK	SW6010
Vanadium	34.3	0.4	0.36	mg/Kg	09/15/14	LK	SW6010
Zinc	46.2	0.7	0.36	mg/Kg	09/15/14	LK	SW6010
Percent Solid	88			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/13/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	79			%	09/13/14	AW	30 - 150 %
% TCMX	88			%	09/13/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
a-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
b-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	09/13/14	CE	SW8081
d-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
g-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	09/13/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	09/13/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	79			%	09/13/14	CE	30 - 150 %
% TCMX	78			%	09/13/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	13	2.2	ug/Kg	09/13/14	JLI	SW8260
1,1,1-Trichloroethane	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
1,1,2-Trichloroethane	ND	13	1.3	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloroethane	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	13	2.9	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloropropene	ND	13	2.6	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichloropropane	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	13	3.6	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromoethane	ND	13	3.6	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichlorobenzene	ND	13	1.5	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloroethane	ND	13	1.2	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloropropane	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	13	1.8	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichlorobenzene	ND	13	2.0	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichloropropane	ND	13	1.4	ug/Kg	09/13/14	JLI	SW8260
1,4-Dichlorobenzene	ND	13	2.1	ug/Kg	09/13/14	JLI	SW8260
2,2-Dichloropropane	ND	13	2.3	ug/Kg	09/13/14	JLI	SW8260
2-Chlorotoluene	ND	13	2.2	ug/Kg	09/13/14	JLI	SW8260
2-Hexanone	ND	67	6.1	ug/Kg	09/13/14	JLI	SW8260
2-Isopropyltoluene	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
4-Chlorotoluene	ND	13	1.6	ug/Kg	09/13/14	JLI	SW8260
4-Methyl-2-pentanone	ND	67	3.2	ug/Kg	09/13/14	JLI	SW8260
Acetone	15	JS 50	13	ug/Kg	09/13/14	JLI	SW8260
Acrylonitrile	ND	27	7.6	ug/Kg	09/13/14	JLI	SW8260
Benzene	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
Bromobenzene	ND	13	1.8	ug/Kg	09/13/14	JLI	SW8260
Bromochloromethane	ND	13	2.0	ug/Kg	09/13/14	JLI	SW8260
Bromodichloromethane	ND	13	1.7	ug/Kg	09/13/14	JLI	SW8260
Bromoform	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
Bromomethane	ND	13	10	ug/Kg	09/13/14	JLI	SW8260
Carbon Disulfide	ND	13	2.2	ug/Kg	09/13/14	JLI	SW8260
Carbon tetrachloride	ND	13	1.6	ug/Kg	09/13/14	JLI	SW8260
Chlorobenzene	ND	13	2.0	ug/Kg	09/13/14	JLI	SW8260
Chloroethane	ND	13	3.2	ug/Kg	09/13/14	JLI	SW8260
Chloroform	ND	13	2.5	ug/Kg	09/13/14	JLI	SW8260
Chloromethane	ND	13	7.1	ug/Kg	09/13/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	13	2.9	ug/Kg	09/13/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	13	1.5	ug/Kg	09/13/14	JLI	SW8260
Dibromochloromethane	ND	13	1.5	ug/Kg	09/13/14	JLI	SW8260
Dibromomethane	ND	13	1.7	ug/Kg	09/13/14	JLI	SW8260
Dichlorodifluoromethane	ND	13	3.6	ug/Kg	09/13/14	JLI	SW8260
Ethylbenzene	ND	13	2.5	ug/Kg	09/13/14	JLI	SW8260
Hexachlorobutadiene	ND	13	2.8	ug/Kg	09/13/14	JLI	SW8260
Isopropylbenzene	ND	13	2.6	ug/Kg	09/13/14	JLI	SW8260
m&p-Xylene	ND	13	5.3	ug/Kg	09/13/14	JLI	SW8260
Methyl Ethyl Ketone	ND	81	12	ug/Kg	09/13/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	27	3.7	ug/Kg	09/13/14	JLI	SW8260
Methylene chloride	3.1	JS 13	2.2	ug/Kg	09/13/14	JLI	SW8260
Naphthalene	ND	13	3.6	ug/Kg	09/13/14	JLI	SW8260
n-Butylbenzene	ND	13	2.5	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	13	2.4	ug/Kg	09/13/14	JLI	SW8260
o-Xylene	ND	13	5.1	ug/Kg	09/13/14	JLI	SW8260
p-Isopropyltoluene	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
sec-Butylbenzene	ND	13	2.5	ug/Kg	09/13/14	JLI	SW8260
Styrene	ND	13	3.9	ug/Kg	09/13/14	JLI	SW8260
tert-Butylbenzene	ND	13	2.2	ug/Kg	09/13/14	JLI	SW8260
Tetrachloroethene	ND	13	2.8	ug/Kg	09/13/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	27	12	ug/Kg	09/13/14	JLI	SW8260
Toluene	ND	13	2.1	ug/Kg	09/13/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	27	25	ug/Kg	09/13/14	JLI	SW8260
Trichloroethene	ND	13	2.9	ug/Kg	09/13/14	JLI	SW8260
Trichlorofluoromethane	ND	13	3.0	ug/Kg	09/13/14	JLI	SW8260
Trichlorotrifluoroethane	ND	13	2.1	ug/Kg	09/13/14	JLI	SW8260
Vinyl chloride	ND	13	4.4	ug/Kg	09/13/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	103			%	09/13/14	JLI	70 - 121 %
% Bromofluorobenzene	96			%	09/13/14	JLI	59 - 113 %
% Dibromofluoromethane	110			%	09/13/14	JLI	70 - 130 %
% Toluene-d8	100			%	09/13/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	09/13/14	KCA	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dimethylphenol	ND	260	93	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrophenol	ND	1900	260	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	09/13/14	KCA	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylnaphthalene	160	J 260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	09/13/14	KCA	SW 8270
2-Nitroaniline	ND	1900	380	ug/Kg	09/13/14	KCA	SW 8270
2-Nitrophenol	ND	260	240	ug/Kg	09/13/14	KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	09/13/14	KCA	SW 8270
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	09/13/14	KCA	SW 8270
3-Nitroaniline	ND	1900	810	ug/Kg	09/13/14	KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	09/13/14	KCA	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
4-Chloroaniline	ND	750	170	ug/Kg	09/13/14	KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	120	ug/Kg	09/13/14	KCA	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Acetophenone	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Aniline	ND	1900	750	ug/Kg	09/13/14	KCA	SW 8270
Anthracene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benz(a)anthracene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzidine	ND	750	220	ug/Kg	09/13/14	KCA	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(k)fluoranthene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzoic acid	ND	1900	750	ug/Kg	09/13/14	KCA	SW 8270
Benzyl butyl phthalate	ND	260	96	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Carbazole	ND	1900	280	ug/Kg	09/13/14	KCA	SW 8270
Chrysene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dimethylphthalate	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Di-n-butylphthalate	ND	260	99	ug/Kg	09/13/14	KCA	SW 8270
Di-n-octylphthalate	ND	260	96	ug/Kg	09/13/14	KCA	SW 8270
Fluoranthene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Fluorene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobutadiene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Isophorone	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Naphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Phenanthrene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Phenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Pyrene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Pyridine	ND	260	92	ug/Kg	09/13/14	KCA	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	95			%	09/13/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	74			%	09/13/14	KCA	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	87			%	09/13/14	KCA	25 - 121 %
% Nitrobenzene-d5	67			%	09/13/14	KCA	23 - 120 %
% Phenol-d5	84			%	09/13/14	KCA	24 - 113 %
% Terphenyl-d14	92			%	09/13/14	KCA	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

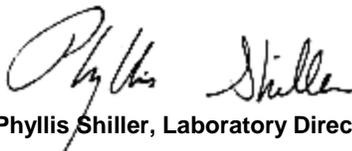
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**

# Sample Criteria Exceedences Report

## GBH13119 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BH13119	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	4.5	3.3	3.3	3.3	ug/Kg
BH13119	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.31	0.09	0.18	0.18	0.18	mg/Kg
BH13119	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	118	0.7	63	63	63	mg/Kg
BH13119	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	455	7.0	109	109	109	mg/Kg
BH13121	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	82	90	50	50	50	ug/Kg
BH13121	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	11000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	10000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	8000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1900	260	500	500	500	ug/Kg
BH13121	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	580	260	330	330	330	ug/Kg
BH13121	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3400	260	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	11000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	580	260	330	330	330	ug/Kg
BH13121	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	11000	1300	3900	3900	3900	ug/Kg
BH13121	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1900	260	500	500	500	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	8000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	10000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	11000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	11000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	8000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	260	500	500	500	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	10000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3400	260	800	800	800	ug/Kg
BH13121	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	11000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	580	260	330	330	330	ug/Kg
BH13121	\$PCB_SMRDP	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	160	38	100	100	100	ug/Kg
BH13121	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	27	3.3	3.3	3.3	ug/Kg
BH13121	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	38	14	14	14	ug/Kg
BH13121	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	19	5	5	5	ug/Kg
BH13121	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	19	5	5	5	ug/Kg
BH13121	\$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	38	20	20	20	ug/Kg
BH13121	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	27	3.3	3.3	3.3	ug/Kg
BH13121	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	27	3.3	3.3	3.3	ug/Kg
BH13121	\$PESTSMDPR	b-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	38	36	36	36	ug/Kg
BH13121	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	112	0.36	50	50	50	mg/kg
BH13121	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.66	0.07	0.18	0.18	0.18	mg/Kg
BH13121	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	352	7.1	63	63	63	mg/Kg
BH13121	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	956	7.1	109	109	109	mg/Kg
BH13123	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	340	110	50	50	50	ug/Kg
BH13123	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	7.0	3.3	3.3	3.3	ug/Kg

Criteria: NY: 375, 375RRS, 375RS

## Sample Criteria Exceedences Report

### GBH13119 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH13123	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	77.6	0.37	50	50	mg/kg
BH13123	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.05	0.08	0.81	0.81	mg/Kg
BH13123	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.05	0.08	0.81	0.81	mg/Kg
BH13123	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.05	0.08	0.18	0.18	mg/Kg
BH13123	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	356	7.4	63	63	mg/Kg
BH13123	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	551	7.4	109	109	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

September 18, 2014

SDG I.D.: GBH13119

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes  No   
 Coolant: IPK  ICE  No   
 Temp 4 ° C Pg of

Contact Options:  
 Fax:  
 Phone: (631) 504-6000  
 Email: C.sosik@ebcincny.com

**NY/NJ CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Customer: Environmental Business Consultants  
 Address: 1808 Middle Country Road  
 Ridge, New York 11961

Project: FBI Metropolitan Avenue Brooklyn NY Project P.O.:  
 Report to: Environmental Business Consultants  
 Invoice to: Environmental Business Consultants

This section **MUST** be completed with Bottle Quantities.

Sampler's Signature: Rubin Lopez Date: 9/12/14  
 Client Sample - Information - Identification  
 Matrix Code: GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
13119	B1 0-25	S	9-11-14	9:00	SOIL VOA Vials [X] methanol [X] H2O GL Soil container (8) oz 40 ml VOA Vial [X] HCl GL Amber 1000ml [X] As Is PL H2SO4 [ 250ml ] As Is PL HNO3 250ml Bacteria Bottle
13120	B1 12-14	S	9-15	9:15	
13121	B2 0-25	S	10:00	10:00	
13122	B2 12-14	S	10:15	10:15	
13123	B3 0-25	S	11:00	11:00	
13124	B3 12-14	S	11:15	11:15	

Relinquished by: [Signature] Accepted by: [Signature]  
 Date: 9-12-14 Time: 12:15  
 Date: 9-24-14 Time: 11:04:49

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 5 Days  
 10 Days  
 Other  
 \* SURCHARGE APPLIES

NJ Res. Criteria  
 Non-Res. Criteria  
 Impact to GW Soil Cleanup Criteria  
 GW Criteria

NY TAGM 4046 GW  
 TAGM 4046 SOIL  
 NY375 Unrestricted Use Soil  
 NY375 Residential  
 Restricted/Residential  
 Commercial  
 Industrial

Data Format  
 Phoenix Std Report  
 Excel  
 PDF  
 GIS/Key  
 EQUIS  
 NJ Hazsite EDD  
 NY EZ EDD (ASP)  
 Other

Data Package  
 NJ Reduced Deliv.\*  
 NY Enhanced (ASP B)\*  
 Other

State where samples were collected: NY

Comments, Special Requirements or Regulations:



Wednesday, October 01, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 771 METROPOLITAN AVE  
Sample ID#s: BH15922 - BH15927

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
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Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

October 01, 2014

SDG I.D.: GBH15922

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Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/12/14  
 09/18/14

Time

9:00  
 16:26

Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15922

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB4 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.38	0.38	0.38	mg/Kg	09/22/14	EK	SW6010
Aluminum	6360	38	7.6	mg/Kg	09/22/14	EK	SW6010
Arsenic	15.1	0.8	0.76	mg/Kg	09/22/14	EK	SW6010
Barium	109	0.8	0.38	mg/Kg	09/22/14	EK	SW6010
Beryllium	0.35	0.31	0.15	mg/Kg	09/22/14	EK	SW6010
Calcium	7780	* 3.8	3.5	mg/Kg	09/22/14	EK	SW6010
Cadmium	1.45	* 0.38	0.15	mg/Kg	09/22/14	EK	SW6010
Cobalt	16.2	0.38	0.38	mg/Kg	09/22/14	EK	SW6010
Chromium	29.5	0.38	0.38	mg/Kg	09/22/14	EK	SW6010
Copper	200	3.8	3.8	mg/kg	09/22/14	EK	SW6010
Iron	81700	* 38	38	mg/Kg	09/22/14	EK	SW6010
Mercury	2.00	0.06	0.04	mg/Kg	09/22/14	RS	SW-7471
Potassium	1030	N 76	30	mg/Kg	09/22/14	EK	SW6010
Magnesium	1600	* 3.8	3.8	mg/Kg	09/22/14	EK	SW6010
Manganese	767	N 3.8	3.8	mg/Kg	09/22/14	EK	SW6010
Sodium	254	N 8	3.3	mg/Kg	09/22/14	EK	SW6010
Nickel	30.0	0.38	0.38	mg/Kg	09/22/14	EK	SW6010
Lead	491	7.6	3.8	mg/Kg	09/22/14	EK	SW6010
Antimony	4.6	1.9	1.9	mg/Kg	09/22/14	EK	SW6010
Selenium	1.9	1.5	1.3	mg/Kg	09/22/14	EK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/22/14	EK	SW6010
Vanadium	52.8	0.4	0.38	mg/Kg	09/22/14	EK	SW6010
Zinc	404	* 7.6	3.8	mg/Kg	09/22/14	EK	SW6010
Percent Solid	91			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	96			%	09/19/14	AW	30 - 150 %
% TCMX	90			%	09/19/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.6	2.6	ug/Kg	09/20/14	CE	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	09/20/14	CE	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	09/20/14	CE	SW8081
a-BHC	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
b-BHC	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Chlordane	ND	36	36	ug/Kg	09/20/14	CE	SW8081
d-BHC	7.7	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Endrin	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Endrin ketone	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
g-BHC	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Heptachlor	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Methoxychlor	ND	11	11	ug/Kg	09/20/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	09/20/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	108			%	09/20/14	CE	30 - 150 %
% TCMX	82			%	09/20/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.3	0.81	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.3	0.91	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	8.3	0.73	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	8.3	0.88	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	41	3.7	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	8.3	0.96	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	41	2.0	ug/Kg	09/22/14	JLI	SW8260
Acetone	80	JS 83	8.2	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	17	4.7	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	8.3	1.0	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	8.3	6.4	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	3.4	J 8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	8.3	0.96	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	8.3	1.9	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	8.3	4.3	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.3	0.90	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	8.3	0.93	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	8.3	1.0	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	8.3	3.3	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	15	J 50	7.2	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	17	2.3	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	3.4	JS 8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	8.3	3.2	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	8.3	2.4	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	17	7.5	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	17	15	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	8.3	2.7	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	101			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	95			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	95			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	91			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	510	260	ug/Kg	09/21/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
1,2-Dichlorobenzene	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	510	240	ug/Kg	09/21/14	DD	SW 8270
1,3-Dichlorobenzene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
1,4-Dichlorobenzene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	510	400	ug/Kg	09/21/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	510	230	ug/Kg	09/21/14	DD	SW 8270
2,4-Dichlorophenol	ND	510	260	ug/Kg	09/21/14	DD	SW 8270
2,4-Dimethylphenol	ND	510	180	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrophenol	ND	3700	510	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrotoluene	ND	510	290	ug/Kg	09/21/14	DD	SW 8270
2,6-Dinitrotoluene	ND	510	230	ug/Kg	09/21/14	DD	SW 8270
2-Chloronaphthalene	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
2-Chlorophenol	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
2-Methylnaphthalene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	330	330	ug/Kg	09/21/14	DD	SW 8270
2-Nitroaniline	ND	3700	740	ug/Kg	09/21/14	DD	SW 8270
2-Nitrophenol	ND	510	460	ug/Kg	09/21/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	510	290	ug/Kg	09/21/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	1500	340	ug/Kg	09/21/14	DD	SW 8270
3-Nitroaniline	ND	3700	1600	ug/Kg	09/21/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	3700	790	ug/Kg	09/21/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	510	260	ug/Kg	09/21/14	DD	SW 8270
4-Chloroaniline	ND	1500	340	ug/Kg	09/21/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	510	250	ug/Kg	09/21/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	3700	240	ug/Kg	09/21/14	DD	SW 8270
4-Nitrophenol	ND	3700	330	ug/Kg	09/21/14	DD	SW 8270
Acenaphthene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
Acenaphthylene	ND	510	200	ug/Kg	09/21/14	DD	SW 8270
Acetophenone	ND	510	230	ug/Kg	09/21/14	DD	SW 8270
Aniline	ND	3700	1500	ug/Kg	09/21/14	DD	SW 8270
Anthracene	ND	510	240	ug/Kg	09/21/14	DD	SW 8270
Benz(a)anthracene	610	510	250	ug/Kg	09/21/14	DD	SW 8270
Benzidine	ND	1500	430	ug/Kg	09/21/14	DD	SW 8270
Benzo(a)pyrene	570	510	240	ug/Kg	09/21/14	DD	SW 8270
Benzo(b)fluoranthene	850	510	250	ug/Kg	09/21/14	DD	SW 8270
Benzo(ghi)perylene	380	J 510	240	ug/Kg	09/21/14	DD	SW 8270
Benzo(k)fluoranthene	250	J 510	240	ug/Kg	09/21/14	DD	SW 8270
Benzoic acid	ND	3700	1500	ug/Kg	09/21/14	DD	SW 8270
Benzyl butyl phthalate	ND	510	190	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	510	200	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	510	200	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	510	200	ug/Kg	09/21/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
Carbazole	ND	3700	550	ug/Kg	09/21/14	DD	SW 8270
Chrysene	720	510	250	ug/Kg	09/21/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	330	240	ug/Kg	09/21/14	DD	SW 8270
Dibenzofuran	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
Diethyl phthalate	ND	510	230	ug/Kg	09/21/14	DD	SW 8270
Dimethylphthalate	ND	510	230	ug/Kg	09/21/14	DD	SW 8270
Di-n-butylphthalate	ND	510	190	ug/Kg	09/21/14	DD	SW 8270
Di-n-octylphthalate	ND	510	190	ug/Kg	09/21/14	DD	SW 8270
Fluoranthene	1400	510	240	ug/Kg	09/21/14	DD	SW 8270
Fluorene	ND	510	240	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobenzene	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobutadiene	ND	510	260	ug/Kg	09/21/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
Hexachloroethane	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	330	J 500	240	ug/Kg	09/21/14	DD	SW 8270
Isophorone	ND	510	200	ug/Kg	09/21/14	DD	SW 8270
Naphthalene	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
Nitrobenzene	ND	510	260	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodimethylamine	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	510	240	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	510	280	ug/Kg	09/21/14	DD	SW 8270
Pentachloronitrobenzene	ND	510	270	ug/Kg	09/21/14	DD	SW 8270
Pentachlorophenol	ND	510	280	ug/Kg	09/21/14	DD	SW 8270
Phenanthrene	910	510	210	ug/Kg	09/21/14	DD	SW 8270
Phenol	ND	330	230	ug/Kg	09/21/14	DD	SW 8270
Pyrene	1300	510	250	ug/Kg	09/21/14	DD	SW 8270
Pyridine	ND	510	180	ug/Kg	09/21/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	57			%	09/21/14	DD	19 - 122 %
% 2-Fluorobiphenyl	82			%	09/21/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	61			%	09/21/14	DD	25 - 121 %
% Nitrobenzene-d5	74			%	09/21/14	DD	23 - 120 %
% Phenol-d5	71			%	09/21/14	DD	24 - 113 %
% Terphenyl-d14	94			%	09/21/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

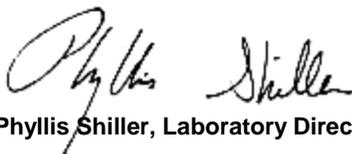
**Semi-Volatile Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/12/14  
 09/18/14

Time

9:15  
 16:26

Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15923

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB4 8-10 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	09/22/14	EK	SW6010
Aluminum	6720	37	7.5	mg/Kg	09/22/14	EK	SW6010
Arsenic	1.4	0.7	0.75	mg/Kg	09/22/14	EK	SW6010
Barium	17.3	0.7	0.37	mg/Kg	09/22/14	EK	SW6010
Beryllium	< 0.30	0.30	0.15	mg/Kg	09/22/14	EK	SW6010
Calcium	458	* 3.7	3.4	mg/Kg	09/22/14	EK	SW6010
Cadmium	< 0.37	* 0.37	0.15	mg/Kg	09/22/14	EK	SW6010
Cobalt	3.60	0.37	0.37	mg/Kg	09/22/14	EK	SW6010
Chromium	11.5	0.37	0.37	mg/Kg	09/22/14	EK	SW6010
Copper	5.10	N 0.37	0.37	mg/kg	09/22/14	EK	SW6010
Iron	13300	* 37	37	mg/Kg	09/22/14	EK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	09/22/14	RS	SW-7471
Potassium	592	N 75	29	mg/Kg	09/22/14	EK	SW6010
Magnesium	1050	* 3.7	3.7	mg/Kg	09/22/14	EK	SW6010
Manganese	1190	N 37	37	mg/Kg	09/23/14	EK	SW6010
Sodium	52	N 7	3.2	mg/Kg	09/22/14	EK	SW6010
Nickel	5.22	0.37	0.37	mg/Kg	09/22/14	EK	SW6010
Lead	10.3	7.5	3.7	mg/Kg	09/22/14	EK	SW6010
Antimony	< 1.9	1.9	1.9	mg/Kg	09/22/14	EK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	09/22/14	EK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/22/14	LK	SW6010
Vanadium	16.3	0.4	0.37	mg/Kg	09/22/14	EK	SW6010
Zinc	16.9	* 0.7	0.37	mg/Kg	09/22/14	EK	SW6010
Percent Solid	94			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	44			%	09/19/14	AW	30 - 150 %
% TCMX	46			%	09/19/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
4,4' -DDE	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
4,4' -DDT	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
a-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
b-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Chlordane	ND	35	35	ug/Kg	09/20/14	CE	SW8081
d-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Endosulfan I	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endosulfan II	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endosulfan sulfate	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin aldehyde	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
g-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Heptachlor	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Methoxychlor	ND	7.1	7.1	ug/Kg	09/20/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	09/20/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	52			%	09/20/14	CE	30 - 150 %
% TCMX	45			%	09/20/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.3	0.81	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.3	0.91	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	8.3	0.73	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	8.3	0.88	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	41	3.7	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	8.3	0.96	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	41	2.0	ug/Kg	09/22/14	JLI	SW8260
Acetone	17	JS 50	8.2	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	17	4.7	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	8.3	1.0	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	8.3	6.4	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	8.3	0.96	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	8.3	1.9	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	8.3	4.3	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.3	0.90	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	8.3	0.93	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	8.3	1.0	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	8.3	3.3	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	ND	50	7.2	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	17	2.3	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	ND	8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260

1

B\*

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	8.3	3.2	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	8.3	2.4	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	17	7.5	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	17	15	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	8.3	2.7	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	98			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	93			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	101			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	94			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	240	97	ug/Kg	09/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	09/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	240	86	ug/Kg	09/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	1700	240	ug/Kg	09/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	240	140	ug/Kg	09/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
2-Chloronaphthalene	ND	240	98	ug/Kg	09/19/14	DD	SW 8270
2-Chlorophenol	ND	240	98	ug/Kg	09/19/14	DD	SW 8270
2-Methylnaphthalene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	09/19/14	DD	SW 8270
2-Nitroaniline	ND	1700	350	ug/Kg	09/19/14	DD	SW 8270
2-Nitrophenol	ND	240	220	ug/Kg	09/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	240	140	ug/Kg	09/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	690	160	ug/Kg	09/19/14	DD	SW 8270
3-Nitroaniline	ND	1700	750	ug/Kg	09/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1700	370	ug/Kg	09/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
4-Chloroaniline	ND	690	160	ug/Kg	09/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	240	120	ug/Kg	09/19/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1700	120	ug/Kg	09/19/14	DD	SW 8270
4-Nitrophenol	ND	1700	160	ug/Kg	09/19/14	DD	SW 8270
Acenaphthene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
Acenaphthylene	ND	240	97	ug/Kg	09/19/14	DD	SW 8270
Acetophenone	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Aniline	ND	1700	700	ug/Kg	09/19/14	DD	SW 8270
Anthracene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Benz(a)anthracene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
Benzidine	ND	690	200	ug/Kg	09/19/14	DD	SW 8270
Benzo(a)pyrene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Benzo(b)fluoranthene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
Benzo(ghi)perylene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Benzo(k)fluoranthene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Benzoic acid	ND	1700	690	ug/Kg	09/19/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	240	89	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	240	95	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	240	93	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	96	ug/Kg	09/19/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	240	99	ug/Kg	09/19/14	DD	SW 8270
Carbazole	ND	1700	260	ug/Kg	09/19/14	DD	SW 8270
Chrysene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Dibenzofuran	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
Diethyl phthalate	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Dimethylphthalate	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Di-n-butylphthalate	ND	240	92	ug/Kg	09/19/14	DD	SW 8270
Di-n-octylphthalate	ND	240	89	ug/Kg	09/19/14	DD	SW 8270
Fluoranthene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Fluorene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Hexachlorobenzene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
Hexachlorobutadiene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Hexachloroethane	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Isophorone	ND	240	97	ug/Kg	09/19/14	DD	SW 8270
Naphthalene	ND	240	99	ug/Kg	09/19/14	DD	SW 8270
Nitrobenzene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	240	97	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	09/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	240	130	ug/Kg	09/19/14	DD	SW 8270
Pentachlorophenol	ND	240	130	ug/Kg	09/19/14	DD	SW 8270
Phenanthrene	ND	240	99	ug/Kg	09/19/14	DD	SW 8270
Phenol	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Pyrene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
Pyridine	ND	240	85	ug/Kg	09/19/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	72			%	09/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	87			%	09/19/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	61			%	09/19/14	DD	25 - 121 %
% Nitrobenzene-d5	75			%	09/19/14	DD	23 - 120 %
% Phenol-d5	72			%	09/19/14	DD	24 - 113 %
% Terphenyl-d14	102			%	09/19/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

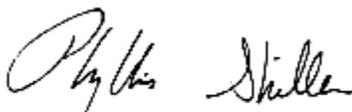
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

09/12/14  
 09/18/14

## Time

9:45  
 16:26

## Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15924

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB5 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	23.3	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Aluminum	7070	34	6.9	mg/Kg	09/22/14	EK	SW6010
Arsenic	25.1	0.7	0.69	mg/Kg	09/22/14	EK	SW6010
Barium	528	0.7	0.34	mg/Kg	09/22/14	EK	SW6010
Beryllium	0.22	B 0.27	0.14	mg/Kg	09/22/14	EK	SW6010
Calcium	10700	* 34	32	mg/Kg	09/22/14	EK	SW6010
Cadmium	6.02	* 0.34	0.14	mg/Kg	09/22/14	EK	SW6010
Cobalt	21.4	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Chromium	55.5	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Copper	593	3.4	3.4	mg/kg	09/22/14	EK	SW6010
Iron	75100	* 34	34	mg/Kg	09/22/14	EK	SW6010
Mercury	41.3	3.9	2.3	mg/Kg	09/22/14	RS	SW-7471
Potassium	1090	N 69	27	mg/Kg	09/22/14	EK	SW6010
Magnesium	4340	* 3.4	3.4	mg/Kg	09/22/14	EK	SW6010
Manganese	688	N 3.4	3.4	mg/Kg	09/22/14	EK	SW6010
Sodium	799	N 7	2.9	mg/Kg	09/22/14	EK	SW6010
Nickel	77.7	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Lead	18100	690	340	mg/Kg	09/24/14	EK	SW6010
Antimony	37.6	1.7	1.7	mg/Kg	09/22/14	EK	SW6010
Selenium	3.4	1.4	1.2	mg/Kg	09/22/14	EK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	09/22/14	EK	SW6010
Vanadium	32.4	0.3	0.34	mg/Kg	09/22/14	EK	SW6010
Zinc	2490	* 69	34	mg/Kg	09/23/14	EK	SW6010
Percent Solid	90			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/19/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	90			%	09/19/14	AW	30 - 150 %
% TCMX	84			%	09/19/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	13	13	ug/Kg	09/23/14	CE	SW8081
4,4' -DDE	ND	13	13	ug/Kg	09/23/14	CE	SW8081
4,4' -DDT	ND	13	13	ug/Kg	09/23/14	CE	SW8081
a-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
a-Chlordane	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Aldrin	ND	9.2	9.2	ug/Kg	09/23/14	CE	SW8081
b-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Chlordane	ND	180	180	ug/Kg	09/23/14	CE	SW8081
d-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Dieldrin	ND	9.2	9.2	ug/Kg	09/23/14	CE	SW8081
Endosulfan I	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endosulfan II	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endosulfan sulfate	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin aldehyde	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin ketone	ND	9.2	9.2	ug/Kg	09/23/14	CE	SW8081
g-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
g-Chlordane	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Heptachlor	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Heptachlor epoxide	ND	9.2	9.2	ug/Kg	09/23/14	CE	SW8081
Methoxychlor	ND	37	37	ug/Kg	09/23/14	CE	SW8081
Toxaphene	ND	920	920	ug/Kg	09/23/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	Diluted Out			%	09/23/14	CE	30 - 150 %
% TCMX	89			%	09/23/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	10	1.7	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	10	1.0	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	10	2.2	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	10	2.7	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	10	2.7	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	10	1.1	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	10	0.90	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	10	1.3	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	10	1.1	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	10	1.6	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	10	1.7	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	10	1.6	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	51	4.6	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	10	1.4	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	10	1.2	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	51	2.4	ug/Kg	09/22/14	JLI	SW8260
Acetone	23	JS 50	10	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	20	5.7	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	10	1.3	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	10	1.3	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	10	1.4	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	10	7.9	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	7.4	J 10	1.7	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	10	1.2	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	10	2.4	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	10	1.9	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	10	5.4	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	10	2.2	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	10	1.1	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	10	1.1	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	10	1.3	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	10	2.7	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	10	1.9	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	10	2.1	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	10	4.0	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	ND	61	8.9	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	20	2.8	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	2.7	JS 10	1.7	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	1800	280	75	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	10	1.9	ug/Kg	09/22/14	JLI	SW8260

1

B\*

B\*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	10	1.8	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	10	3.9	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	10	1.9	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	10	2.9	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	10	1.6	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	10	2.1	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	20	9.2	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	10	1.6	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	10	2.1	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	20	19	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	10	2.2	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	10	2.3	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	10	1.6	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	10	3.3	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	100			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	88			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	105			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	95			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	2600	1300	ug/Kg	09/21/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
1,2-Dichlorobenzene	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
1,3-Dichlorobenzene	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
1,4-Dichlorobenzene	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	2600	2000	ug/Kg	09/21/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
2,4-Dichlorophenol	ND	2600	1300	ug/Kg	09/21/14	DD	SW 8270
2,4-Dimethylphenol	ND	2600	910	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrophenol	ND	18000	2600	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrotoluene	ND	2600	1500	ug/Kg	09/21/14	DD	SW 8270
2,6-Dinitrotoluene	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
2-Chloronaphthalene	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
2-Chlorophenol	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
2-Methylnaphthalene	1100	J 2600	1100	ug/Kg	09/21/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	2600	1700	ug/Kg	09/21/14	DD	SW 8270
2-Nitroaniline	ND	18000	3700	ug/Kg	09/21/14	DD	SW 8270
2-Nitrophenol	ND	2600	2300	ug/Kg	09/21/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	2600	1500	ug/Kg	09/21/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	7400	1700	ug/Kg	09/21/14	DD	SW 8270
3-Nitroaniline	ND	18000	8000	ug/Kg	09/21/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	18000	4000	ug/Kg	09/21/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	2600	1300	ug/Kg	09/21/14	DD	SW 8270
4-Chloroaniline	ND	7400	1700	ug/Kg	09/21/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	18000	1200	ug/Kg	09/21/14	DD	SW 8270
4-Nitrophenol	ND	18000	1700	ug/Kg	09/21/14	DD	SW 8270
Acenaphthene	3800	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Acenaphthylene	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
Acetophenone	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Aniline	ND	18000	7400	ug/Kg	09/21/14	DD	SW 8270
Anthracene	7100	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Benz(a)anthracene	11000	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Benzidine	ND	7400	2200	ug/Kg	09/21/14	DD	SW 8270
Benzo(a)pyrene	10000	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Benzo(b)fluoranthene	13000	2600	1300	ug/Kg	09/21/14	DD	SW 8270
Benzo(ghi)perylene	6300	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Benzo(k)fluoranthene	4400	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Benzoic acid	ND	18000	7400	ug/Kg	09/21/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	2600	950	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	2600	990	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Carbazole	6700	J 18000	2800	ug/Kg	09/21/14	DD	SW 8270
Chrysene	12000	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Dibenzofuran	2800	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Diethyl phthalate	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Dimethylphthalate	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Di-n-butylphthalate	ND	2600	980	ug/Kg	09/21/14	DD	SW 8270
Di-n-octylphthalate	ND	2600	950	ug/Kg	09/21/14	DD	SW 8270
Fluoranthene	25000	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Fluorene	3800	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobenzene	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobutadiene	ND	2600	1300	ug/Kg	09/21/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Hexachloroethane	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	5600	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Isophorone	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
Naphthalene	2800	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Nitrobenzene	ND	2600	1300	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodimethylamine	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	2600	1400	ug/Kg	09/21/14	DD	SW 8270
Pentachloronitrobenzene	ND	2600	1400	ug/Kg	09/21/14	DD	SW 8270
Pentachlorophenol	ND	2600	1400	ug/Kg	09/21/14	DD	SW 8270
Phenanthrene	26000	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Phenol	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Pyrene	23000	2600	1300	ug/Kg	09/21/14	DD	SW 8270
Pyridine	ND	2600	910	ug/Kg	09/21/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	Diluted Out			%	09/21/14	DD	19 - 122 %
% 2-Fluorobiphenyl	Diluted Out			%	09/21/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	Diluted Out			%	09/21/14	DD	25 - 121 %
% Nitrobenzene-d5	Diluted Out			%	09/21/14	DD	23 - 120 %
% Phenol-d5	Diluted Out			%	09/21/14	DD	24 - 113 %
% Terphenyl-d14	Diluted Out			%	09/21/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

**Semi-Volatile Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatiles analysis.

**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

09/12/14  
 09/18/14

## Time

10:00  
 16:26

## Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15925

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB5 8-10 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Aluminum	8090	34	6.9	mg/Kg	09/22/14	EK	SW6010
Arsenic	< 0.7	0.7	0.69	mg/Kg	09/22/14	EK	SW6010
Barium	23.1	0.7	0.34	mg/Kg	09/22/14	EK	SW6010
Beryllium	0.45	0.28	0.14	mg/Kg	09/22/14	EK	SW6010
Calcium	1640	* 3.4	3.2	mg/Kg	09/22/14	EK	SW6010
Cadmium	< 0.34	* 0.34	0.14	mg/Kg	09/22/14	EK	SW6010
Cobalt	8.01	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Chromium	17.7	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Copper	14.2	N 0.34	0.34	mg/kg	09/22/14	EK	SW6010
Iron	18200	* 34	34	mg/Kg	09/22/14	EK	SW6010
Mercury	< 0.06	0.06	0.04	mg/Kg	09/22/14	RS	SW-7471
Potassium	762	N 69	27	mg/Kg	09/22/14	EK	SW6010
Magnesium	1350	* 3.4	3.4	mg/Kg	09/22/14	EK	SW6010
Manganese	575	N 3.4	3.4	mg/Kg	09/22/14	EK	SW6010
Sodium	86	N 7	3.0	mg/Kg	09/22/14	EK	SW6010
Nickel	9.02	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Lead	202	6.9	3.4	mg/Kg	09/22/14	EK	SW6010
Antimony	< 1.7	1.7	1.7	mg/Kg	09/22/14	EK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	09/22/14	EK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	09/22/14	LK	SW6010
Vanadium	29.1	0.3	0.34	mg/Kg	09/22/14	EK	SW6010
Zinc	25.1	* 0.7	0.34	mg/Kg	09/22/14	EK	SW6010
Percent Solid	92			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	84			%	09/19/14	AW	30 - 150 %
% TCMX	91			%	09/19/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
4,4' -DDE	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
4,4' -DDT	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
a-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
b-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Chlordane	ND	35	35	ug/Kg	09/20/14	CE	SW8081
d-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Endosulfan I	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endosulfan II	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endosulfan sulfate	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin aldehyde	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin ketone	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
g-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Heptachlor	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Methoxychlor	ND	7.0	7.0	ug/Kg	09/20/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	09/20/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	92			%	09/20/14	CE	30 - 150 %
% TCMX	78			%	09/20/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	8.9	1.5	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.9	0.87	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.9	1.9	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	8.9	1.7	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.9	2.4	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	8.9	2.4	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.9	0.98	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	8.9	0.78	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.9	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	8.9	0.94	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	8.9	1.5	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	45	4.0	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	8.9	1.2	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	8.9	1.0	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	45	2.1	ug/Kg	09/22/14	JLI	SW8260
Acetone	13 JS	50	8.9	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	18	5.0	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	8.9	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	8.9	1.1	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	8.9	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	8.9	6.9	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	8.9	1.0	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	8.9	2.1	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	8.9	1.6	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	8.9	4.7	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.9	1.9	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.9	0.96	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	8.9	1.0	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	8.9	1.1	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.9	2.4	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	8.9	1.6	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	8.9	1.9	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	8.9	1.7	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	8.9	3.5	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	ND	53	7.7	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	18	2.5	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	ND	8.9	1.5	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	ND	8.9	2.4	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	8.9	1.6	ug/Kg	09/22/14	JLI	SW8260

1

B\*

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	8.9	1.6	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	8.9	3.4	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	8.9	1.7	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	8.9	2.6	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	8.9	1.9	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	18	8.0	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	18	17	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	8.9	1.9	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	8.9	2.0	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	8.9	2.9	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	98			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	97			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	105			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	96			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
1,2-Dichlorobenzene	ND	250	99	ug/Kg	09/22/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
1,3-Dichlorobenzene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
1,4-Dichlorobenzene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	09/22/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
2,4-Dichlorophenol	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
2,4-Dimethylphenol	ND	250	87	ug/Kg	09/22/14	DD	SW 8270
2,4-Dinitrophenol	ND	1800	250	ug/Kg	09/22/14	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	09/22/14	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
2-Methylnaphthalene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	160	ug/Kg	09/22/14	DD	SW 8270
2-Nitroaniline	ND	1800	350	ug/Kg	09/22/14	DD	SW 8270
2-Nitrophenol	ND	250	220	ug/Kg	09/22/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	09/22/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	700	170	ug/Kg	09/22/14	DD	SW 8270
3-Nitroaniline	ND	1800	760	ug/Kg	09/22/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	09/22/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
4-Chloroaniline	ND	700	160	ug/Kg	09/22/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	09/22/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1800	120	ug/Kg	09/22/14	DD	SW 8270
4-Nitrophenol	ND	1800	160	ug/Kg	09/22/14	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Acenaphthylene	ND	250	98	ug/Kg	09/22/14	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Aniline	ND	1800	710	ug/Kg	09/22/14	DD	SW 8270
Anthracene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Benz(a)anthracene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Benzidine	ND	700	210	ug/Kg	09/22/14	DD	SW 8270
Benzo(a)pyrene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Benzo(b)fluoranthene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Benzo(ghi)perylene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Benzo(k)fluoranthene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Benzoic acid	ND	1800	700	ug/Kg	09/22/14	DD	SW 8270
Benzyl butyl phthalate	ND	250	91	ug/Kg	09/22/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	97	ug/Kg	09/22/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	95	ug/Kg	09/22/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	98	ug/Kg	09/22/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
Carbazole	ND	1800	270	ug/Kg	09/22/14	DD	SW 8270
Chrysene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Dibenzofuran	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Di-n-butylphthalate	ND	250	93	ug/Kg	09/22/14	DD	SW 8270
Di-n-octylphthalate	ND	250	91	ug/Kg	09/22/14	DD	SW 8270
Fluoranthene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Hexachlorobenzene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	09/22/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Isophorone	ND	250	98	ug/Kg	09/22/14	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
Nitrobenzene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
N-Nitrosodimethylamine	ND	250	99	ug/Kg	09/22/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	250	130	ug/Kg	09/22/14	DD	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	09/22/14	DD	SW 8270
Pentachlorophenol	ND	250	130	ug/Kg	09/22/14	DD	SW 8270
Phenanthrene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
Phenol	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Pyrene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Pyridine	ND	250	86	ug/Kg	09/22/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	78			%	09/22/14	DD	19 - 122 %
% 2-Fluorobiphenyl	92			%	09/22/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	74			%	09/22/14	DD	25 - 121 %
% Nitrobenzene-d5	83			%	09/22/14	DD	23 - 120 %
% Phenol-d5	81			%	09/22/14	DD	24 - 113 %
% Terphenyl-d14	101			%	09/22/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

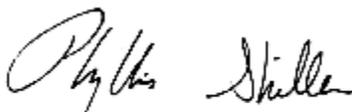
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/12/14  
 09/18/14

Time

10:30  
 16:26

Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15926

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB6 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	0.48	0.33	0.33	mg/Kg	09/22/14	EK	SW6010
Aluminum	7160	33	6.5	mg/Kg	09/22/14	EK	SW6010
Arsenic	8.3	0.7	0.65	mg/Kg	09/22/14	EK	SW6010
Barium	167	0.7	0.33	mg/Kg	09/22/14	EK	SW6010
Beryllium	0.27	0.26	0.13	mg/Kg	09/22/14	EK	SW6010
Calcium	23600	* 33	30	mg/Kg	09/22/14	EK	SW6010
Cadmium	1.03	* 0.33	0.13	mg/Kg	09/22/14	EK	SW6010
Cobalt	8.21	0.33	0.33	mg/Kg	09/22/14	EK	SW6010
Chromium	23.4	0.33	0.33	mg/Kg	09/22/14	EK	SW6010
Copper	153	3.3	3.3	mg/kg	09/22/14	EK	SW6010
Iron	21800	* 33	33	mg/Kg	09/22/14	EK	SW6010
Mercury	2.05	0.09	0.05	mg/Kg	09/22/14	RS	SW-7471
Potassium	1660	N 65	26	mg/Kg	09/22/14	EK	SW6010
Magnesium	2850	* 3.3	3.3	mg/Kg	09/22/14	EK	SW6010
Manganese	280	N 3.3	3.3	mg/Kg	09/22/14	EK	SW6010
Sodium	1120	N 7	2.8	mg/Kg	09/22/14	EK	SW6010
Nickel	19.6	0.33	0.33	mg/Kg	09/22/14	EK	SW6010
Lead	663	6.5	3.3	mg/Kg	09/22/14	EK	SW6010
Antimony	15.5	1.6	1.6	mg/Kg	09/22/14	LK	SW6010
Selenium	< 1.3	1.3	1.1	mg/Kg	09/22/14	LK	SW6010
Thallium	< 1.3	1.3	1.3	mg/Kg	09/22/14	LK	SW6010
Vanadium	27.6	0.3	0.33	mg/Kg	09/22/14	EK	SW6010
Zinc	445	* 6.5	3.3	mg/Kg	09/22/14	EK	SW6010
Percent Solid	91			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	84			%	09/20/14	AW	30 - 150 %
% TCMX	86			%	09/20/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	13	13	ug/Kg	09/23/14	CE	SW8081
4,4' -DDE	ND	13	13	ug/Kg	09/23/14	CE	SW8081
4,4' -DDT	ND	13	13	ug/Kg	09/23/14	CE	SW8081
a-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
a-Chlordane	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Aldrin	ND	9.1	9.1	ug/Kg	09/23/14	CE	SW8081
b-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Chlordane	ND	180	180	ug/Kg	09/23/14	CE	SW8081
d-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Dieldrin	ND	9.1	9.1	ug/Kg	09/23/14	CE	SW8081
Endosulfan I	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endosulfan II	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endosulfan sulfate	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin aldehyde	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin ketone	ND	9.1	9.1	ug/Kg	09/23/14	CE	SW8081
g-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
g-Chlordane	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Heptachlor	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Heptachlor epoxide	ND	9.1	9.1	ug/Kg	09/23/14	CE	SW8081
Methoxychlor	ND	36	36	ug/Kg	09/23/14	CE	SW8081
Toxaphene	ND	910	910	ug/Kg	09/23/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	107			%	09/23/14	CE	30 - 150 %
% TCMX	87			%	09/23/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.0	0.78	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.0	1.7	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.0	2.1	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	8.0	2.1	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.0	0.88	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	8.0	0.70	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.0	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	8.0	0.84	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	40	3.6	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	8.0	0.92	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	40	1.9	ug/Kg	09/22/14	JLI	SW8260
Acetone	85	S 80	7.9	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	16	4.5	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	8.0	1.0	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	8.0	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	8.0	0.99	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	8.0	6.1	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	8.0	0.92	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	8.0	1.2	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	8.0	1.9	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	8.0	4.2	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.0	1.7	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.0	0.86	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	8.0	0.89	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	8.0	1.0	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.0	2.1	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	8.0	1.7	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	8.0	3.1	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	16	J 48	6.9	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	16	2.2	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	1.4	JS 8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	ND	8.0	2.1	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260

1

B

B\*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	8.0	1.4	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	8.0	3.0	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	8.0	2.3	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	8.0	1.7	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	16	7.2	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	16	15	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	8.0	1.7	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	8.0	1.8	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.0	1.2	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	8.0	2.6	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	94			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	91			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	89			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	93			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
1,2-Dichlorobenzene	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
1,3-Dichlorobenzene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
1,4-Dichlorobenzene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	2500	2000	ug/Kg	09/21/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
2,4-Dichlorophenol	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
2,4-Dimethylphenol	ND	2500	900	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrophenol	ND	18000	2500	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrotoluene	ND	2500	1400	ug/Kg	09/21/14	DD	SW 8270
2,6-Dinitrotoluene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
2-Chloronaphthalene	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
2-Chlorophenol	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
2-Methylnaphthalene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	2500	1700	ug/Kg	09/21/14	DD	SW 8270
2-Nitroaniline	ND	18000	3600	ug/Kg	09/21/14	DD	SW 8270
2-Nitrophenol	ND	2500	2300	ug/Kg	09/21/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	2500	1400	ug/Kg	09/21/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	7200	1700	ug/Kg	09/21/14	DD	SW 8270
3-Nitroaniline	ND	18000	7900	ug/Kg	09/21/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	18000	3900	ug/Kg	09/21/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
4-Chloroaniline	ND	7200	1700	ug/Kg	09/21/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	18000	1200	ug/Kg	09/21/14	DD	SW 8270
4-Nitrophenol	ND	18000	1600	ug/Kg	09/21/14	DD	SW 8270
Acenaphthene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Acenaphthylene	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Acetophenone	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Aniline	ND	18000	7300	ug/Kg	09/21/14	DD	SW 8270
Anthracene	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benz(a)anthracene	3600	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benzidine	ND	7200	2100	ug/Kg	09/21/14	DD	SW 8270
Benzo(a)pyrene	3400	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benzo(b)fluoranthene	4700	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benzo(ghi)perylene	2000	J 2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benzo(k)fluoranthene	1500	J 2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benzoic acid	ND	18000	7200	ug/Kg	09/21/14	DD	SW 8270
Benzyl butyl phthalate	ND	2500	930	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	2500	970	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Carbazole	ND	18000	2700	ug/Kg	09/21/14	DD	SW 8270
Chrysene	3800	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Dibenzofuran	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Diethyl phthalate	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Dimethylphthalate	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Di-n-butylphthalate	ND	2500	960	ug/Kg	09/21/14	DD	SW 8270
Di-n-octylphthalate	ND	2500	930	ug/Kg	09/21/14	DD	SW 8270
Fluoranthene	9000	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Fluorene	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobenzene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobutadiene	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Hexachloroethane	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	1800	J 2500	1200	ug/Kg	09/21/14	DD	SW 8270
Isophorone	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Naphthalene	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Nitrobenzene	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodimethylamine	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	2500	1400	ug/Kg	09/21/14	DD	SW 8270
Pentachloronitrobenzene	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
Pentachlorophenol	ND	2500	1400	ug/Kg	09/21/14	DD	SW 8270
Phenanthrene	5900	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Phenol	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Pyrene	8000	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Pyridine	ND	2500	890	ug/Kg	09/21/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	Diluted Out			%	09/21/14	DD	19 - 122 %
% 2-Fluorobiphenyl	Diluted Out			%	09/21/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	Diluted Out			%	09/21/14	DD	25 - 121 %
% Nitrobenzene-d5	Diluted Out			%	09/21/14	DD	23 - 120 %
% Phenol-d5	Diluted Out			%	09/21/14	DD	24 - 113 %
% Terphenyl-d14	Diluted Out			%	09/21/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

**Semi-Volatile Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatiles analysis.

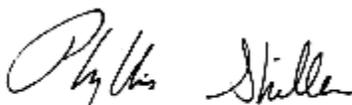
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

09/12/14  
 09/18/14

## Time

10:45  
 16:26

## Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15927

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB6 12-14 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	09/22/14	EK	SW6010
Aluminum	8420	36	7.3	mg/Kg	09/22/14	EK	SW6010
Arsenic	< 0.7	0.7	0.73	mg/Kg	09/22/14	EK	SW6010
Barium	28.7	0.7	0.36	mg/Kg	09/22/14	EK	SW6010
Beryllium	0.75	0.29	0.15	mg/Kg	09/22/14	EK	SW6010
Calcium	458	* 3.6	3.4	mg/Kg	09/22/14	EK	SW6010
Cadmium	0.46	* 0.36	0.15	mg/Kg	09/22/14	EK	SW6010
Cobalt	9.81	0.36	0.36	mg/Kg	09/22/14	EK	SW6010
Chromium	28.4	0.36	0.36	mg/Kg	09/22/14	EK	SW6010
Copper	23.1	N 0.36	0.36	mg/kg	09/22/14	EK	SW6010
Iron	57900	* 36	36	mg/Kg	09/22/14	EK	SW6010
Mercury	< 0.08	0.08	0.05	mg/Kg	09/22/14	RS	SW-7471
Potassium	1250	N 73	28	mg/Kg	09/22/14	EK	SW6010
Magnesium	1530	* 3.6	3.6	mg/Kg	09/22/14	EK	SW6010
Manganese	596	N 3.6	3.6	mg/Kg	09/22/14	EK	SW6010
Sodium	60	N 7	3.1	mg/Kg	09/22/14	EK	SW6010
Nickel	13.8	0.36	0.36	mg/Kg	09/22/14	EK	SW6010
Lead	8.9	0.7	0.36	mg/Kg	09/22/14	EK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/22/14	EK	SW6010
Selenium	< 1.5	1.5	1.2	mg/Kg	09/22/14	EK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/22/14	EK	SW6010
Vanadium	33.9	0.4	0.36	mg/Kg	09/22/14	EK	SW6010
Zinc	37.5	* 0.7	0.36	mg/Kg	09/22/14	EK	SW6010
Percent Solid	88			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1260	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	75			%	09/20/14	AW	30 - 150 %
% TCMX	84			%	09/20/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	14	14	ug/Kg	09/23/14	CE	SW8081
4,4' -DDE	ND	14	14	ug/Kg	09/23/14	CE	SW8081
4,4' -DDT	ND	14	14	ug/Kg	09/23/14	CE	SW8081
a-BHC	ND	19	19	ug/Kg	09/23/14	CE	SW8081
a-Chlordane	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Aldrin	ND	9.4	9.4	ug/Kg	09/23/14	CE	SW8081
b-BHC	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Chlordane	ND	190	190	ug/Kg	09/23/14	CE	SW8081
d-BHC	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Dieldrin	ND	9.4	9.4	ug/Kg	09/23/14	CE	SW8081
Endosulfan I	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Endosulfan II	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Endosulfan sulfate	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Endrin	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Endrin aldehyde	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Endrin ketone	ND	9.4	9.4	ug/Kg	09/23/14	CE	SW8081
g-BHC	ND	19	19	ug/Kg	09/23/14	CE	SW8081
g-Chlordane	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Heptachlor	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Heptachlor epoxide	ND	9.4	9.4	ug/Kg	09/23/14	CE	SW8081
Methoxychlor	ND	38	38	ug/Kg	09/23/14	CE	SW8081
Toxaphene	ND	940	940	ug/Kg	09/23/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	72			%	09/23/14	CE	30 - 150 %
% TCMX	90			%	09/23/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	7.3	0.71	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	7.3	1.4	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	7.3	1.6	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	7.3	1.4	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	7.3	1.9	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	7.3	1.9	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	7.3	0.80	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	7.3	0.64	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	7.3	0.96	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	7.3	0.77	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	36	3.3	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	7.3	0.84	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	36	1.7	ug/Kg	09/22/14	JLI	SW8260
Acetone	9.6	JS 50	7.2	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	15	4.1	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	7.3	1.4	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	7.3	0.95	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	7.3	0.90	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	7.3	5.6	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	7.3	0.84	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	7.3	1.7	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	7.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	7.3	3.8	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	7.3	1.6	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	7.3	0.79	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	7.3	0.81	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	7.3	0.92	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	7.3	1.9	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	7.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	7.3	1.4	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	7.3	2.9	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	ND	44	6.3	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	15	2.0	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	ND	7.3	1.9	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	7.3	1.3	ug/Kg	09/22/14	JLI	SW8260

1

B\*

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	7.3	1.3	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	7.3	2.8	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	7.3	1.4	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	7.3	2.1	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	15	6.5	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	15	13	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	7.3	1.6	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	7.3	2.4	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	95			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	96			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	101			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	95			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	09/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	260	93	ug/Kg	09/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	1900	260	ug/Kg	09/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	09/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	09/19/14	DD	SW 8270
2-Nitroaniline	ND	1900	380	ug/Kg	09/19/14	DD	SW 8270
2-Nitrophenol	ND	260	240	ug/Kg	09/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	09/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	09/19/14	DD	SW 8270
3-Nitroaniline	ND	1900	810	ug/Kg	09/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	09/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
4-Chloroaniline	ND	750	170	ug/Kg	09/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	09/19/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	09/19/14	DD	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	09/19/14	DD	SW 8270
Acenaphthene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Acetophenone	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Aniline	ND	1900	760	ug/Kg	09/19/14	DD	SW 8270
Anthracene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Benz(a)anthracene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
Benzidine	ND	750	220	ug/Kg	09/19/14	DD	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Benzo(k)fluoranthene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Benzoic acid	ND	1900	750	ug/Kg	09/19/14	DD	SW 8270
Benzyl butyl phthalate	ND	260	97	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Carbazole	ND	1900	280	ug/Kg	09/19/14	DD	SW 8270
Chrysene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Dimethylphthalate	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Di-n-butylphthalate	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Di-n-octylphthalate	ND	260	97	ug/Kg	09/19/14	DD	SW 8270
Fluoranthene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Fluorene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Hexachlorobutadiene	ND	260	140	ug/Kg	09/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Isophorone	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Naphthalene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/19/14	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/19/14	DD	SW 8270
Phenanthrene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Phenol	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Pyrene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
Pyridine	ND	260	92	ug/Kg	09/19/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	74			%	09/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	81			%	09/19/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	67			%	09/19/14	DD	25 - 121 %
% Nitrobenzene-d5	75			%	09/19/14	DD	23 - 120 %
% Phenol-d5	77			%	09/19/14	DD	24 - 113 %
% Terphenyl-d14	110			%	09/19/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

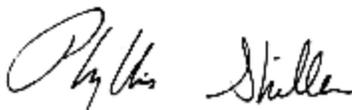
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**

# Sample Criteria Exceedences Report

## GBH15922 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BH15922	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	80	83	50	50	50	ug/Kg
BH15922	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	15.1	0.8	13	13	13	mg/Kg
BH15922	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	200	3.8	50	50	50	mg/kg
BH15922	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.00	0.06	0.81	0.81	0.81	mg/Kg
BH15922	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.00	0.06	0.81	0.81	0.81	mg/Kg
BH15922	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.00	0.06	0.18	0.18	0.18	mg/Kg
BH15922	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	491	7.6	400	400	400	mg/Kg
BH15922	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	491	7.6	400	400	400	mg/Kg
BH15922	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	491	7.6	63	63	63	mg/Kg
BH15922	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	404	7.6	109	109	109	mg/Kg
BH15924	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	12000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	13000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	10000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	5600	2600	500	500	500	ug/Kg
BH15924	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4400	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	2600	2400	2400	2400	ug/Kg
BH15924	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	330	330	330	ug/Kg
BH15924	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	11000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	5600	2600	500	500	500	ug/Kg
BH15924	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	330	330	330	ug/Kg
BH15924	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	12000	2600	3900	3900	3900	ug/Kg
BH15924	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	10000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4400	2600	3900	3900	3900	ug/Kg
BH15924	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	11000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	13000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	12000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	10000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	13000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	330	ug/Kg
BH15924	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5600	2600	500	500	500	ug/Kg
BH15924	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	330	ug/Kg
BH15924	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	800	800	800	ug/Kg
BH15924	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	330	ug/Kg
BH15924	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4400	2600	800	800	800	ug/Kg
BH15924	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	11000	2600	1000	1000	1000	ug/Kg
BH15924	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	18	14	14	14	ug/Kg
BH15924	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg
BH15924	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.2	5	5	5	ug/Kg
BH15924	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg
BH15924	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.2	5	5	5	ug/Kg
BH15924	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg

# Sample Criteria Exceedences Report

Criteria: NY: 375, 375RRS, 375RS

**GBH15922 - EBC**

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BH15924	AG-SM	Silver	NY / 375-6.8 Metals / Unrestricted Use Soil	23.3	0.34	2	2	2	mg/Kg
BH15924	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	25.1	0.7	16	16	16	mg/Kg
BH15924	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	25.1	0.7	16	16	16	mg/Kg
BH15924	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	25.1	0.7	13	13	13	mg/Kg
BH15924	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	528	0.7	350	350	350	mg/Kg
BH15924	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	528	0.7	400	400	400	mg/Kg
BH15924	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	528	0.7	350	350	350	mg/Kg
BH15924	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	6.02	0.34	2.5	2.5	2.5	mg/Kg
BH15924	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential Restricted	6.02	0.34	4.3	4.3	4.3	mg/Kg
BH15924	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	6.02	0.34	2.5	2.5	2.5	mg/Kg
BH15924	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	55.5	0.34	30			mg/Kg
BH15924	CU-SM	Copper	NY / 375-6.8 Metals / Residential	593	3.4	270	270	270	mg/kg
BH15924	CU-SM	Copper	NY / 375-6.8 Metals / Residential Restricted	593	3.4	270	270	270	mg/kg
BH15924	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	593	3.4	50	50	50	mg/kg
BH15924	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	41.3	3.9	0.81	0.81	0.81	mg/Kg
BH15924	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	41.3	3.9	0.81	0.81	0.81	mg/Kg
BH15924	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	41.3	3.9	0.18	0.18	0.18	mg/Kg
BH15924	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	77.7	0.34	30	30	30	mg/Kg
BH15924	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	18100	690	400	400	400	mg/Kg
BH15924	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	18100	690	400	400	400	mg/Kg
BH15924	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	18100	690	63	63	63	mg/Kg
BH15924	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Residential	2490	69	2200	2200	2200	mg/Kg
BH15924	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	2490	69	109	109	109	mg/Kg
BH15925	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	202	6.9	63	63	63	mg/Kg
BH15926	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	85	80	50	50	50	ug/Kg
BH15926	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1500	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	3600	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1800	2500	500	500	500	ug/Kg
BH15926	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2500	330	330	330	ug/Kg
BH15926	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	3400	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	2500	2400	2400	2400	ug/Kg
BH15926	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4700	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	3800	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2500	330	330	330	ug/Kg
BH15926	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1800	2500	500	500	500	ug/Kg
BH15926	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	3600	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4700	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	3400	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	330	330	330	ug/Kg
BH15926	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	330	330	330	ug/Kg

## Sample Criteria Exceedences Report

### GBH15922 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BH15926	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	800	800	800	ug/Kg
BH15926	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4700	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	330	330	330	ug/Kg
BH15926	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3600	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3400	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3800	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	2500	800	800	800	ug/Kg
BH15926	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	2500	500	500	500	ug/Kg
BH15926	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg
BH15926	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	18	14	14	14	ug/Kg
BH15926	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.1	5	5	5	ug/Kg
BH15926	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg
BH15926	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.1	5	5	5	ug/Kg
BH15926	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg
BH15926	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	153	3.3	50	50	50	mg/kg
BH15926	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.05	0.09	0.81	0.81	0.81	mg/Kg
BH15926	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.05	0.09	0.81	0.81	0.81	mg/Kg
BH15926	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.05	0.09	0.18	0.18	0.18	mg/Kg
BH15926	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	663	6.5	400	400	400	mg/Kg
BH15926	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	663	6.5	400	400	400	mg/Kg
BH15926	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	663	6.5	63	63	63	mg/Kg
BH15926	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	445	6.5	109	109	109	mg/Kg
BH15927	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	19	14	14	14	ug/Kg
BH15927	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	14	3.3	3.3	3.3	ug/Kg
BH15927	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	14	3.3	3.3	3.3	ug/Kg
BH15927	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	14	3.3	3.3	3.3	ug/Kg
BH15927	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.4	5	5	5	ug/Kg
BH15927	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.4	5	5	5	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

October 01, 2014

SDG I.D.: GBH15922

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes  No   
 Coolant: IPK  ICE   
 Temp 1° C Pg of

Contact Options:  
 Fax:   
 Phone: (631) 504-6000  
 Email: Csosik@ebcincny.com

**NY/NJ CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Customer: Environmental Business Consultants  
 Address: 1808 Middle Country Road  
 Ridge, New York 11961

Project: 77 Metro politan Ave, Brooklyn NY  
 Report to: Environmental Business Consultants  
 Invoice to: Environmental Business Consultants

Project P.O.:

This section **MUST** be completed with **Bottle Quantities.**

Sampler's Signature: Richard Lutz Date: 9/18/14  
 Matrix Code:  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

Client Sample - Information - Identification

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
15922	B4 0-2-	S	9-15-14	9:00
15923	B4 8-10-			9:15
15924	B5 0-2-			9:45
15925	B5 8-10-			10:00
15926	B6 0-2-			10:30
15927	B6 12-14-			10:45

Analysis Request	VOCs 8260	Pesticides/CAS	TAL Metals	40 ml VOA Vial (HCl)	GL Soil container (8) oz	GL Soil container (X) methanol (X) H2O	GL Amber 1000ml (As is)	PL H2SO4 (1250ml) (As is)	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
	X										
	X										
	X										
	X										
	X										
	X										

Turnaround:	Time:
<input type="checkbox"/> 1 Day*	9-18-14 13:00
<input type="checkbox"/> 2 Days*	
<input type="checkbox"/> 3 Days*	
<input checked="" type="checkbox"/> 5 Days	9-18-14 10:20
<input type="checkbox"/> 10 Days	
<input type="checkbox"/> Other	

Relinquished by: [Signature] Date: 9-18-14  
 Accepted by: [Signature] Date: 9-18-14  
 Comments, Special Requirements or Regulations:

State where samples were collected: NY

Res. Criteria  Non-Res. Criteria  Impact to GW Soil Cleanup Criteria  GW Criteria   
 TAGM 4046 GW  TAGM 4046 SOIL  NY375 Unrestricted Use Soil  NY375 Residential  Restricted/Residential  Commercial  Industrial   
 Phoenix Std Report  Excel  PDF  GIS/Key  EQUS  NJ Hazsite EDD  NY EZ EDD (ASP)  Other   
 Data Package  NJ Reduced Deliv. \*  NY Enhanced (ASP B) \*  Other



Monday, October 20, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
Sample ID#s: BH26606 - BH26612

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

October 20, 2014

SDG I.D.: GBH26606

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Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26606

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B5 0-2 FT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Lead	3980	78	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	5.01	0.10	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed			10/14/14	I/I	SW3005
Percent Solid	89		%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed			10/13/14	I	EPA 1311
Total Metals Digest	Completed			10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26607

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B5 2-4 FT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Lead	1770	70	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.73	0.10	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed			10/14/14	I/I	SW3005
Percent Solid	91		%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed			10/13/14	I	EPA 1311
Total Metals Digest	Completed			10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
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**Phyllis Shiller, Laboratory Director**  
**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26608

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B5 4-6 FT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Lead	145	6.9	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	< 0.10	0.10	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed			10/14/14	I/I	SW3005
Percent Solid	90		%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed			10/13/14	I	EPA 1311
Total Metals Digest	Completed			10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/10/14  
 10/13/14

## Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26609

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B5 8-10 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36		mg/Kg	10/15/14	EK	SW6010
Aluminum	13100	36		mg/Kg	10/15/14	EK	SW6010
Arsenic	1.8	0.7		mg/Kg	10/15/14	EK	SW6010
Barium	49.3	0.7		mg/Kg	10/15/14	LK	SW6010
Beryllium	0.40	0.28		mg/Kg	10/15/14	EK	SW6010
Calcium	1410	3.6		mg/Kg	10/15/14	EK	SW6010
Cadmium	< 0.36	0.36		mg/Kg	10/15/14	EK	SW6010
Cobalt	8.40	0.36		mg/Kg	10/15/14	EK	SW6010
Chromium	24.7	0.36		mg/Kg	10/15/14	EK	SW6010
Copper	15.8	0.36		mg/kg	10/15/14	EK	SW6010
Iron	20900	36		mg/Kg	10/15/14	EK	SW6010
Mercury	< 0.08	0.08		mg/Kg	10/14/14	RS	SW-7471
Potassium	1630	7		mg/Kg	10/15/14	EK	SW6010
Magnesium	2830	3.6		mg/Kg	10/15/14	EK	SW6010
Manganese	519	3.6		mg/Kg	10/15/14	LK	SW6010
Sodium	208	7		mg/Kg	10/15/14	EK	SW6010
Nickel	11.8	0.36		mg/Kg	10/15/14	EK	SW6010
Lead	7.4	0.7		mg/Kg	10/15/14	EK	SW6010
Antimony	< 2.5	2.5		mg/Kg	10/15/14	EK	SW6010
Selenium	< 1.4	1.4		mg/Kg	10/15/14	EK	SW6010
Thallium	< 1.4	1.4		mg/Kg	10/15/14	EK	SW6010
Vanadium	35.5	0.4		mg/Kg	10/15/14	EK	SW6010
Zinc	37.2	0.7		mg/Kg	10/15/14	EK	SW6010
Percent Solid	89			%	10/13/14	I	E160.3
Soil Extraction for PCB	Completed				10/13/14	CB	SW3545
Soil Extraction for Pesticide	Completed				10/13/14	CB/H	SW3545
Soil Extraction for SVOA	Completed				10/13/14	CJ/VH	SW3545
Mercury Digestion	Completed				10/14/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050
Field Extraction	Completed				10/10/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	93			%	10/14/14	AW	30 - 150 %
% TCMX	89			%	10/14/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.2	2.2	ug/Kg	10/14/14	CE	SW8081
4,4' -DDE	ND	2.2	2.2	ug/Kg	10/14/14	CE	SW8081
4,4' -DDT	ND	2.2	2.2	ug/Kg	10/14/14	CE	SW8081
a-BHC	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	10/14/14	CE	SW8081
Aldrin	ND	3.7	3.7	ug/Kg	10/14/14	CE	SW8081
b-BHC	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	10/14/14	CE	SW8081
d-BHC	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Dieldrin	ND	3.7	3.7	ug/Kg	10/14/14	CE	SW8081
Endosulfan I	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Endosulfan II	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Endrin	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Endrin aldehyde	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Endrin ketone	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
g-BHC	ND	1.5	1.5	ug/Kg	10/14/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	10/14/14	CE	SW8081
Heptachlor	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Methoxychlor	ND	37	37	ug/Kg	10/14/14	CE	SW8081
Toxaphene	ND	150	150	ug/Kg	10/14/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	104			%	10/14/14	CE	SW8081
% TCMX	100			%	10/14/14	CE	SW8081
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	6.5	1.1	ug/Kg	10/14/14	JLI	SW8260
1,1,1-Trichloroethane	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	6.5	0.92	ug/Kg	10/14/14	JLI	SW8260
1,1,2-Trichloroethane	ND	6.5	0.63	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloroethane	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloropropene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichloropropane	ND	6.5	0.92	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	6.5	0.93	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	6.5	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromoethane	ND	6.5	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichlorobenzene	ND	6.5	0.71	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloroethane	ND	6.5	0.57	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloropropane	ND	6.5	0.92	ug/Kg	10/14/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	6.5	0.85	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichlorobenzene	ND	6.5	0.96	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichloropropane	ND	6.5	0.68	ug/Kg	10/14/14	JLI	SW8260
1,4-Dichlorobenzene	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
2,2-Dichloropropane	ND	6.5	1.1	ug/Kg	10/14/14	JLI	SW8260
2-Chlorotoluene	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
2-Hexanone	ND	32	2.9	ug/Kg	10/14/14	JLI	SW8260
2-Isopropyltoluene	ND	6.5	0.89	ug/Kg	10/14/14	JLI	SW8260
4-Chlorotoluene	ND	6.5	0.75	ug/Kg	10/14/14	JLI	SW8260
4-Methyl-2-pentanone	ND	32	1.5	ug/Kg	10/14/14	JLI	SW8260
Acetone	ND	50	6.4	ug/Kg	10/14/14	JLI	SW8260
Acrylonitrile	ND	13	3.6	ug/Kg	10/14/14	JLI	SW8260
Benzene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
Bromobenzene	ND	6.5	0.84	ug/Kg	10/14/14	JLI	SW8260
Bromochloromethane	ND	6.5	0.94	ug/Kg	10/14/14	JLI	SW8260
Bromodichloromethane	ND	6.5	0.80	ug/Kg	10/14/14	JLI	SW8260
Bromoform	ND	6.5	0.90	ug/Kg	10/14/14	JLI	SW8260
Bromomethane	ND	6.5	5.0	ug/Kg	10/14/14	JLI	SW8260
Carbon Disulfide	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
Carbon tetrachloride	ND	6.5	0.75	ug/Kg	10/14/14	JLI	SW8260
Chlorobenzene	ND	6.5	0.96	ug/Kg	10/14/14	JLI	SW8260
Chloroethane	ND	6.5	1.5	ug/Kg	10/14/14	JLI	SW8260
Chloroform	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260
Chloromethane	ND	6.5	3.4	ug/Kg	10/14/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	6.5	0.70	ug/Kg	10/14/14	JLI	SW8260
Dibromochloromethane	ND	5.0	0.72	ug/Kg	10/14/14	JLI	SW8260
Dibromomethane	ND	6.5	0.81	ug/Kg	10/14/14	JLI	SW8260
Dichlorodifluoromethane	ND	6.5	1.7	ug/Kg	10/14/14	JLI	SW8260
Ethylbenzene	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260
Hexachlorobutadiene	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
Isopropylbenzene	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260
m&p-Xylene	ND	6.5	2.5	ug/Kg	10/14/14	JLI	SW8260
Methyl Ethyl Ketone	ND	39	5.6	ug/Kg	10/14/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	13	1.8	ug/Kg	10/14/14	JLI	SW8260
Methylene chloride	ND	6.5	1.1	ug/Kg	10/14/14	JLI	SW8260
Naphthalene	ND	6.5	1.7	ug/Kg	10/14/14	JLI	SW8260
n-Butylbenzene	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260
o-Xylene	ND	6.5	2.5	ug/Kg	10/14/14	JLI	SW8260
p-Isopropyltoluene	ND	6.5	0.93	ug/Kg	10/14/14	JLI	SW8260
sec-Butylbenzene	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260
Styrene	ND	6.5	1.9	ug/Kg	10/14/14	JLI	SW8260
tert-Butylbenzene	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
Tetrachloroethene	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	13	5.8	ug/Kg	10/14/14	JLI	SW8260
Toluene	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	13	12	ug/Kg	10/14/14	JLI	SW8260
Trichloroethene	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
Trichlorofluoromethane	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
Trichlorotrifluoroethane	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
Vinyl chloride	ND	6.5	2.1	ug/Kg	10/14/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	98			%	10/14/14	JLI	70 - 130 %
% Bromofluorobenzene	96			%	10/14/14	JLI	70 - 130 %
% Dibromofluoromethane	101			%	10/14/14	JLI	70 - 130 %
% Toluene-d8	94			%	10/14/14	JLI	70 - 130 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
1,2-Dichlorobenzene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	10/14/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
2,4-Dimethylphenol	ND	260	93	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrophenol	ND	1600	260	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	10/14/14	DD	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	10/14/14	DD	SW 8270
2-Nitroaniline	ND	1600	380	ug/Kg	10/14/14	DD	SW 8270
2-Nitrophenol	ND	260	240	ug/Kg	10/14/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	10/14/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	10/14/14	DD	SW 8270
3-Nitroaniline	ND	1600	810	ug/Kg	10/14/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	10/14/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
4-Chloroaniline	ND	330	170	ug/Kg	10/14/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	10/14/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	10/14/14	DD	SW 8270
4-Nitrophenol	ND	1600	170	ug/Kg	10/14/14	DD	SW 8270
Acenaphthene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Acetophenone	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Aniline	ND	1900	760	ug/Kg	10/14/14	DD	SW 8270
Anthracene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Benz(a)anthracene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
Benzidine	ND	750	220	ug/Kg	10/14/14	DD	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Benzo(k)fluoranthene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Benzoic acid	ND	1900	750	ug/Kg	10/14/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	260	97	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	10/14/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Carbazole	ND	1900	280	ug/Kg	10/14/14	DD	SW 8270
Chrysene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Dimethylphthalate	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Di-n-butylphthalate	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Di-n-octylphthalate	ND	260	97	ug/Kg	10/14/14	DD	SW 8270
Fluoranthene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Fluorene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobutadiene	ND	260	140	ug/Kg	10/14/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Isophorone	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Naphthalene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodimethylamine	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	10/14/14	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	10/14/14	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	10/14/14	DD	SW 8270
Phenanthrene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Phenol	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Pyrene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
Pyridine	ND	260	92	ug/Kg	10/14/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	85			%	10/14/14	DD	30 - 130 %
% 2-Fluorobiphenyl	73			%	10/14/14	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	55			%	10/14/14	DD	30 - 130 %
% Nitrobenzene-d5	56			%	10/14/14	DD	30 - 130 %
% Phenol-d5	58			%	10/14/14	DD	30 - 130 %
% Terphenyl-d14	99			%	10/14/14	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

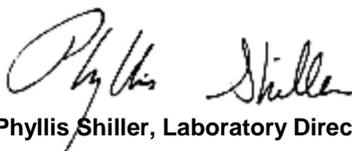
**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26610

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B7 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37		mg/Kg	10/15/14	EK	SW6010
Aluminum	7460	37		mg/Kg	10/15/14	EK	SW6010
Arsenic	9.7	0.7		mg/Kg	10/15/14	EK	SW6010
Barium	134	0.7		mg/Kg	10/15/14	LK	SW6010
Beryllium	0.32	0.29		mg/Kg	10/15/14	EK	SW6010
Calcium	12900	37		mg/Kg	10/15/14	EK	SW6010
Cadmium	1.45	0.37		mg/Kg	10/15/14	EK	SW6010
Cobalt	6.02	0.37		mg/Kg	10/15/14	EK	SW6010
Chromium	18.8	0.37		mg/Kg	10/15/14	EK	SW6010
Copper	77.4	0.37		mg/kg	10/15/14	EK	SW6010
Iron	28500	37		mg/Kg	10/15/14	EK	SW6010
Mercury	2.16	0.09		mg/Kg	10/14/14	RS	SW-7471
Potassium	1090	7		mg/Kg	10/15/14	EK	SW6010
Magnesium	2260	3.7		mg/Kg	10/15/14	EK	SW6010
Manganese	265	3.7		mg/Kg	10/15/14	LK	SW6010
Sodium	364	7		mg/Kg	10/15/14	EK	SW6010
Nickel	16.0	0.37		mg/Kg	10/15/14	EK	SW6010
Lead	358	7.4		mg/Kg	10/15/14	EK	SW6010
Antimony	< 2.5	2.5		mg/Kg	10/15/14	EK	SW6010
Selenium	< 1.5	1.5		mg/Kg	10/15/14	LK	SW6010
Thallium	< 1.5	1.5		mg/Kg	10/15/14	EK	SW6010
Vanadium	21.9	0.4		mg/Kg	10/15/14	EK	SW6010
Zinc	556	7.4		mg/Kg	10/15/14	EK	SW6010
Percent Solid	86			%	10/13/14	I	E160.3
Soil Extraction for PCB	Completed				10/15/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				10/15/14	BB	SW3545
Soil Extraction for SVOA	Completed				10/13/14	CJ/VH	SW3545
Mercury Digestion	Completed				10/14/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050
Field Extraction	Completed				10/10/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1260	110	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	77			%	10/16/14	AW	30 - 150 %
% TCMX	70			%	10/16/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.3	2.3	ug/Kg	10/15/14	CE	SW8081
4,4' -DDE	ND	2.3	2.3	ug/Kg	10/15/14	CE	SW8081
4,4' -DDT	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
a-BHC	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
a-Chlordane	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Aldrin	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
b-BHC	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Chlordane	ND	39	39	ug/Kg	10/15/14	CE	SW8081
d-BHC	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Dieldrin	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Endosulfan I	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Endosulfan II	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Endosulfan sulfate	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Endrin	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Endrin aldehyde	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Endrin ketone	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
g-BHC	ND	1.5	1.5	ug/Kg	10/15/14	CE	SW8081
g-Chlordane	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Heptachlor	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Heptachlor epoxide	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Methoxychlor	ND	39	39	ug/Kg	10/15/14	CE	SW8081
Toxaphene	ND	150	150	ug/Kg	10/15/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	117			%	10/15/14	CE	SW8081
% TCMX	106			%	10/15/14	CE	SW8081
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
1,1,1-Trichloroethane	ND	9.8	2.0	ug/Kg	10/14/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
1,1,2-Trichloroethane	ND	9.8	0.96	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloroethane	ND	9.8	1.9	ug/Kg	10/14/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	9.8	2.1	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloropropene	ND	9.8	1.9	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	9.8	2.0	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichloropropane	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	9.8	2.0	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	9.8	2.6	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromoethane	ND	9.8	2.6	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichlorobenzene	ND	9.8	1.1	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloroethane	ND	9.8	0.86	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloropropane	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	9.8	1.3	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichlorobenzene	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichloropropane	ND	9.8	1.0	ug/Kg	10/14/14	JLI	SW8260
1,4-Dichlorobenzene	ND	9.8	1.5	ug/Kg	10/14/14	JLI	SW8260
2,2-Dichloropropane	ND	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
2-Chlorotoluene	ND	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
2-Hexanone	ND	49	4.4	ug/Kg	10/14/14	JLI	SW8260
2-Isopropyltoluene	ND	9.8	1.3	ug/Kg	10/14/14	JLI	SW8260
4-Chlorotoluene	ND	9.8	1.1	ug/Kg	10/14/14	JLI	SW8260
4-Methyl-2-pentanone	ND	49	2.3	ug/Kg	10/14/14	JLI	SW8260
Acetone	110	S 98	9.7	ug/Kg	10/14/14	JLI	SW8260
Acrylonitrile	ND	20	5.5	ug/Kg	10/14/14	JLI	SW8260
Benzene	ND	9.8	1.9	ug/Kg	10/14/14	JLI	SW8260
Bromobenzene	ND	9.8	1.3	ug/Kg	10/14/14	JLI	SW8260
Bromochloromethane	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
Bromodichloromethane	ND	9.8	1.2	ug/Kg	10/14/14	JLI	SW8260
Bromoform	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
Bromomethane	ND	9.8	7.5	ug/Kg	10/14/14	JLI	SW8260
Carbon Disulfide	10	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
Carbon tetrachloride	ND	9.8	1.1	ug/Kg	10/14/14	JLI	SW8260
Chlorobenzene	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
Chloroethane	ND	9.8	2.3	ug/Kg	10/14/14	JLI	SW8260
Chloroform	ND	9.8	1.8	ug/Kg	10/14/14	JLI	SW8260
Chloromethane	ND	9.8	5.1	ug/Kg	10/14/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	9.8	2.1	ug/Kg	10/14/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	9.8	1.1	ug/Kg	10/14/14	JLI	SW8260
Dibromochloromethane	ND	9.8	1.1	ug/Kg	10/14/14	JLI	SW8260
Dibromomethane	ND	9.8	1.2	ug/Kg	10/14/14	JLI	SW8260
Dichlorodifluoromethane	ND	9.8	2.6	ug/Kg	10/14/14	JLI	SW8260
Ethylbenzene	ND	9.8	1.8	ug/Kg	10/14/14	JLI	SW8260
Hexachlorobutadiene	ND	9.8	2.1	ug/Kg	10/14/14	JLI	SW8260
Isopropylbenzene	ND	9.8	1.9	ug/Kg	10/14/14	JLI	SW8260
m&p-Xylene	ND	9.8	3.8	ug/Kg	10/14/14	JLI	SW8260
Methyl Ethyl Ketone	20	J 59	8.5	ug/Kg	10/14/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	20	2.7	ug/Kg	10/14/14	JLI	SW8260
Methylene chloride	ND	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
Naphthalene	79	J 280	75	ug/Kg	10/14/14	JLI	SW8260
n-Butylbenzene	ND	9.8	1.8	ug/Kg	10/14/14	JLI	SW8260

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	9.8	1.8	ug/Kg	10/14/14	JLI	SW8260
o-Xylene	ND	9.8	3.7	ug/Kg	10/14/14	JLI	SW8260
p-Isopropyltoluene	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
sec-Butylbenzene	ND	9.8	1.8	ug/Kg	10/14/14	JLI	SW8260
Styrene	ND	9.8	2.8	ug/Kg	10/14/14	JLI	SW8260
tert-Butylbenzene	ND	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
Tetrachloroethene	ND	9.8	2.1	ug/Kg	10/14/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	20	8.8	ug/Kg	10/14/14	JLI	SW8260
Toluene	69	J 280	44	ug/Kg	10/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	9.8	2.0	ug/Kg	10/14/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	9.8	2.0	ug/Kg	10/14/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	20	18	ug/Kg	10/14/14	JLI	SW8260
Trichloroethene	ND	9.8	2.1	ug/Kg	10/14/14	JLI	SW8260
Trichlorofluoromethane	ND	9.8	2.2	ug/Kg	10/14/14	JLI	SW8260
Trichlorotrifluoroethane	ND	9.8	1.5	ug/Kg	10/14/14	JLI	SW8260
Vinyl chloride	ND	9.8	3.2	ug/Kg	10/14/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	99			%	10/14/14	JLI	70 - 130 %
% Bromofluorobenzene	93			%	10/14/14	JLI	70 - 130 %
% Dibromofluoromethane	85			%	10/14/14	JLI	70 - 130 %
% Toluene-d8	93			%	10/14/14	JLI	70 - 130 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
1,2-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
1,3-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
1,4-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	10/14/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
2,4-Dichlorophenol	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
2,4-Dimethylphenol	ND	270	95	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrophenol	ND	1900	270	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrotoluene	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
2,6-Dinitrotoluene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
2-Chloronaphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Chlorophenol	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylnaphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	10/14/14	DD	SW 8270
2-Nitroaniline	ND	1900	390	ug/Kg	10/14/14	DD	SW 8270
2-Nitrophenol	ND	270	240	ug/Kg	10/14/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	770	180	ug/Kg	10/14/14	DD	SW 8270
3-Nitroaniline	ND	1900	840	ug/Kg	10/14/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	10/14/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
4-Chloroaniline	ND	770	180	ug/Kg	10/14/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	10/14/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	10/14/14	DD	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	10/14/14	DD	SW 8270
Acenaphthene	140	J 270	120	ug/Kg	10/14/14	DD	SW 8270
Acenaphthylene	200	J 270	110	ug/Kg	10/14/14	DD	SW 8270
Acetophenone	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Aniline	ND	1900	780	ug/Kg	10/14/14	DD	SW 8270
Anthracene	430	270	130	ug/Kg	10/14/14	DD	SW 8270
Benz(a)anthracene	1900	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzidine	ND	770	230	ug/Kg	10/14/14	DD	SW 8270
Benzo(a)pyrene	1600	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzo(b)fluoranthene	2100	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzo(ghi)perylene	860	270	120	ug/Kg	10/14/14	DD	SW 8270
Benzo(k)fluoranthene	690	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzoic acid	ND	1900	770	ug/Kg	10/14/14	DD	SW 8270
Benzyl butyl phthalate	ND	270	99	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	150	J 270	110	ug/Kg	10/14/14	DD	SW 8270
Carbazole	450	J 1900	290	ug/Kg	10/14/14	DD	SW 8270
Chrysene	1900	270	130	ug/Kg	10/14/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Dibenzofuran	150	J 270	110	ug/Kg	10/14/14	DD	SW 8270
Diethyl phthalate	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Dimethylphthalate	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Di-n-butylphthalate	ND	270	100	ug/Kg	10/14/14	DD	SW 8270
Di-n-octylphthalate	ND	270	99	ug/Kg	10/14/14	DD	SW 8270
Fluoranthene	3500	270	120	ug/Kg	10/14/14	DD	SW 8270
Fluorene	180	J 270	130	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobutadiene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Hexachloroethane	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	730	270	130	ug/Kg	10/14/14	DD	SW 8270
Isophorone	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Naphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Nitrobenzene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodimethylamine	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
Pentachloronitrobenzene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
Pentachlorophenol	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
Phenanthrene	2200	270	110	ug/Kg	10/14/14	DD	SW 8270
Phenol	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Pyrene	3200	270	130	ug/Kg	10/14/14	DD	SW 8270
Pyridine	ND	270	94	ug/Kg	10/14/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	72			%	10/14/14	DD	30 - 130 %
% 2-Fluorobiphenyl	94			%	10/14/14	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	74			%	10/14/14	DD	30 - 130 %
% Nitrobenzene-d5	80			%	10/14/14	DD	30 - 130 %
% Phenol-d5	79			%	10/14/14	DD	30 - 130 %
% Terphenyl-d14	98			%	10/14/14	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/10/14  
 10/13/14

## Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26611

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B7 8-10 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	100			%	10/13/14	I	E160.3
Field Extraction	Completed				10/10/14		SW5035

## Volatiles

1,1,1,2-Tetrachloroethane	ND	8.3	1.4	ug/Kg	10/14/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.3	0.81	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloroethane	ND	8.3	1.6	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloroethene	ND	8.3	1.8	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloropropene	ND	8.3	1.6	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.3	2.2	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromoethane	ND	8.3	2.2	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.3	0.91	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloroethane	ND	8.3	0.73	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloropropane	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.3	1.1	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichloropropane	ND	8.3	0.88	ug/Kg	10/14/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
2,2-Dichloropropane	ND	8.3	1.4	ug/Kg	10/14/14	JLI	SW8260
2-Chlorotoluene	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
2-Hexanone	ND	42	3.7	ug/Kg	10/14/14	JLI	SW8260
2-Isopropyltoluene	ND	8.3	1.1	ug/Kg	10/14/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Chlorotoluene	ND	8.3	0.96	ug/Kg	10/14/14	JLI	SW8260
4-Methyl-2-pentanone	ND	42	2.0	ug/Kg	10/14/14	JLI	SW8260
Acetone	ND	50	8.3	ug/Kg	10/14/14	JLI	SW8260
Acrylonitrile	ND	17	4.7	ug/Kg	10/14/14	JLI	SW8260
Benzene	ND	8.3	1.6	ug/Kg	10/14/14	JLI	SW8260
Bromobenzene	ND	8.3	1.1	ug/Kg	10/14/14	JLI	SW8260
Bromochloromethane	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
Bromodichloromethane	ND	8.3	1.0	ug/Kg	10/14/14	JLI	SW8260
Bromoform	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
Bromomethane	ND	8.3	6.4	ug/Kg	10/14/14	JLI	SW8260
Carbon Disulfide	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
Carbon tetrachloride	ND	8.3	0.96	ug/Kg	10/14/14	JLI	SW8260
Chlorobenzene	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
Chloroethane	ND	8.3	1.9	ug/Kg	10/14/14	JLI	SW8260
Chloroform	ND	8.3	1.5	ug/Kg	10/14/14	JLI	SW8260
Chloromethane	ND	8.3	4.3	ug/Kg	10/14/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.3	1.8	ug/Kg	10/14/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.3	0.90	ug/Kg	10/14/14	JLI	SW8260
Dibromochloromethane	ND	5.0	0.93	ug/Kg	10/14/14	JLI	SW8260
Dibromomethane	ND	8.3	1.0	ug/Kg	10/14/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.3	2.2	ug/Kg	10/14/14	JLI	SW8260
Ethylbenzene	ND	8.3	1.5	ug/Kg	10/14/14	JLI	SW8260
Hexachlorobutadiene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
Isopropylbenzene	ND	8.3	1.6	ug/Kg	10/14/14	JLI	SW8260
m&p-Xylene	ND	8.3	3.3	ug/Kg	10/14/14	JLI	SW8260
Methyl Ethyl Ketone	ND	50	7.2	ug/Kg	10/14/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	17	2.3	ug/Kg	10/14/14	JLI	SW8260
Methylene chloride	ND	8.3	1.4	ug/Kg	10/14/14	JLI	SW8260
Naphthalene	ND	8.3	2.2	ug/Kg	10/14/14	JLI	SW8260
n-Butylbenzene	ND	8.3	1.5	ug/Kg	10/14/14	JLI	SW8260
n-Propylbenzene	ND	8.3	1.5	ug/Kg	10/14/14	JLI	SW8260
o-Xylene	ND	8.3	3.2	ug/Kg	10/14/14	JLI	SW8260
p-Isopropyltoluene	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
sec-Butylbenzene	ND	8.3	1.6	ug/Kg	10/14/14	JLI	SW8260
Styrene	ND	8.3	2.4	ug/Kg	10/14/14	JLI	SW8260
tert-Butylbenzene	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
Tetrachloroethene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	17	7.5	ug/Kg	10/14/14	JLI	SW8260
Toluene	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	17	15	ug/Kg	10/14/14	JLI	SW8260
Trichloroethene	ND	8.3	1.8	ug/Kg	10/14/14	JLI	SW8260
Trichlorofluoromethane	ND	8.3	1.8	ug/Kg	10/14/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
Vinyl chloride	ND	8.3	2.7	ug/Kg	10/14/14	JLI	SW8260
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	97			%	10/14/14	JLI	70 - 130 %
% Bromofluorobenzene	90			%	10/14/14	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Dibromofluoromethane	101			%	10/14/14	JLI	70 - 130 %
% Toluene-d8	92			%	10/14/14	JLI	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

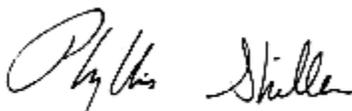
**Comments:**

100% Solid Assumed

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
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# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/10/14  
 10/13/14

## Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26612

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B7 12-14 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35	0.35		mg/Kg	10/15/14	EK	SW6010
Aluminum	7870	35		mg/Kg	10/15/14	EK	SW6010
Arsenic	3.3	0.7		mg/Kg	10/15/14	EK	SW6010
Barium	35.3	0.7		mg/Kg	10/15/14	LK	SW6010
Beryllium	0.44	0.28		mg/Kg	10/15/14	EK	SW6010
Calcium	880	3.5		mg/Kg	10/15/14	EK	SW6010
Cadmium	< 0.35	0.35		mg/Kg	10/15/14	EK	SW6010
Cobalt	6.98	0.35		mg/Kg	10/15/14	EK	SW6010
Chromium	20.2	0.35		mg/Kg	10/15/14	EK	SW6010
Copper	10.7	0.35		mg/kg	10/15/14	EK	SW6010
Iron	26600	35		mg/Kg	10/15/14	EK	SW6010
Mercury	< 0.09	0.09		mg/Kg	10/14/14	RS	SW-7471
Potassium	2100	7		mg/Kg	10/15/14	EK	SW6010
Magnesium	2330	3.5		mg/Kg	10/15/14	EK	SW6010
Manganese	173	3.5		mg/Kg	10/15/14	LK	SW6010
Sodium	111	7		mg/Kg	10/15/14	EK	SW6010
Nickel	14.2	0.35		mg/Kg	10/15/14	EK	SW6010
Lead	7.2	0.7		mg/Kg	10/15/14	EK	SW6010
Antimony	< 2.5	2.5		mg/Kg	10/15/14	EK	SW6010
Selenium	< 1.4	1.4		mg/Kg	10/15/14	LK	SW6010
Thallium	< 1.4	1.4		mg/Kg	10/15/14	EK	SW6010
Vanadium	28.7	0.4		mg/Kg	10/15/14	EK	SW6010
Zinc	37.8	0.7		mg/Kg	10/15/14	EK	SW6010
Percent Solid	85			%	10/13/14	I	E160.3
Soil Extraction for PCB	Completed				10/13/14	CB	SW3545
Soil Extraction for Pesticide	Completed				10/13/14	CB/H	SW3545
Soil Extraction for SVOA	Completed				10/13/14	CJ/VH	SW3545
Mercury Digestion	Completed				10/14/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050
Field Extraction	Completed				10/10/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1221	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1232	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1242	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1248	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1254	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1260	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1262	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1268	ND	39	39	ug/Kg	10/14/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	85			%	10/14/14	AW	30 - 150 %
% TCMX	80			%	10/14/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	2.3	2.3	ug/Kg	10/15/14	CE	SW8081
4,4' -DDE	ND	2.3	2.3	ug/Kg	10/15/14	CE	SW8081
4,4' -DDT	ND	2.3	2.3	ug/Kg	10/15/14	CE	SW8081
a-BHC	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
a-Chlordane	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Aldrin	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
b-BHC	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Chlordane	ND	39	39	ug/Kg	10/15/14	CE	SW8081
d-BHC	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Dieldrin	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Endosulfan I	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Endosulfan II	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Endrin	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Endrin aldehyde	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Endrin ketone	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
g-BHC	ND	1.6	1.6	ug/Kg	10/15/14	CE	SW8081
g-Chlordane	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Heptachlor	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Methoxychlor	ND	39	39	ug/Kg	10/15/14	CE	SW8081
Toxaphene	ND	160	160	ug/Kg	10/15/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	104			%	10/15/14	CE	SW8081
% TCMX	97			%	10/15/14	CE	SW8081

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	12	2.0	ug/Kg	10/14/14	JLI	SW8260
1,1,1-Trichloroethane	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
1,1,2-Trichloroethane	ND	12	1.2	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloroethane	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	12	2.6	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloropropene	ND	12	2.3	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichloropropane	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	12	3.2	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromoethane	ND	12	3.2	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichlorobenzene	ND	12	1.3	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloroethane	ND	12	1.1	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloropropane	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	12	1.6	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichlorobenzene	ND	12	1.8	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichloropropane	ND	12	1.3	ug/Kg	10/14/14	JLI	SW8260
1,4-Dichlorobenzene	ND	12	1.9	ug/Kg	10/14/14	JLI	SW8260
2,2-Dichloropropane	ND	12	2.0	ug/Kg	10/14/14	JLI	SW8260
2-Chlorotoluene	ND	12	1.9	ug/Kg	10/14/14	JLI	SW8260
2-Hexanone	ND	60	5.4	ug/Kg	10/14/14	JLI	SW8260
2-Isopropyltoluene	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
4-Chlorotoluene	ND	12	1.4	ug/Kg	10/14/14	JLI	SW8260
4-Methyl-2-pentanone	ND	60	2.9	ug/Kg	10/14/14	JLI	SW8260
Acetone	17	JS 50	12	ug/Kg	10/14/14	JLI	SW8260
Acrylonitrile	ND	24	6.8	ug/Kg	10/14/14	JLI	SW8260
Benzene	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260
Bromobenzene	ND	12	1.6	ug/Kg	10/14/14	JLI	SW8260
Bromochloromethane	ND	12	1.8	ug/Kg	10/14/14	JLI	SW8260
Bromodichloromethane	ND	12	1.5	ug/Kg	10/14/14	JLI	SW8260
Bromoform	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
Bromomethane	ND	12	9.3	ug/Kg	10/14/14	JLI	SW8260
Carbon Disulfide	ND	12	2.0	ug/Kg	10/14/14	JLI	SW8260
Carbon tetrachloride	ND	12	1.4	ug/Kg	10/14/14	JLI	SW8260
Chlorobenzene	ND	12	1.8	ug/Kg	10/14/14	JLI	SW8260
Chloroethane	ND	12	2.8	ug/Kg	10/14/14	JLI	SW8260
Chloroform	ND	12	2.2	ug/Kg	10/14/14	JLI	SW8260
Chloromethane	ND	12	6.3	ug/Kg	10/14/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	12	2.6	ug/Kg	10/14/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	12	1.3	ug/Kg	10/14/14	JLI	SW8260
Dibromochloromethane	ND	5.0	1.4	ug/Kg	10/14/14	JLI	SW8260
Dibromomethane	ND	12	1.5	ug/Kg	10/14/14	JLI	SW8260
Dichlorodifluoromethane	ND	12	3.2	ug/Kg	10/14/14	JLI	SW8260
Ethylbenzene	ND	12	2.2	ug/Kg	10/14/14	JLI	SW8260
Hexachlorobutadiene	ND	12	2.5	ug/Kg	10/14/14	JLI	SW8260
Isopropylbenzene	ND	12	2.3	ug/Kg	10/14/14	JLI	SW8260
m&p-Xylene	ND	12	4.8	ug/Kg	10/14/14	JLI	SW8260
Methyl Ethyl Ketone	ND	72	10	ug/Kg	10/14/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	24	3.3	ug/Kg	10/14/14	JLI	SW8260
Methylene chloride	ND	12	2.0	ug/Kg	10/14/14	JLI	SW8260
Naphthalene	ND	12	3.2	ug/Kg	10/14/14	JLI	SW8260
n-Butylbenzene	ND	12	2.2	ug/Kg	10/14/14	JLI	SW8260

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	12	2.2	ug/Kg	10/14/14	JLI	SW8260
o-Xylene	ND	12	4.6	ug/Kg	10/14/14	JLI	SW8260
p-Isopropyltoluene	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
sec-Butylbenzene	ND	12	2.3	ug/Kg	10/14/14	JLI	SW8260
Styrene	ND	12	3.5	ug/Kg	10/14/14	JLI	SW8260
tert-Butylbenzene	ND	12	1.9	ug/Kg	10/14/14	JLI	SW8260
Tetrachloroethene	ND	12	2.5	ug/Kg	10/14/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	24	11	ug/Kg	10/14/14	JLI	SW8260
Toluene	ND	12	1.9	ug/Kg	10/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	12	2.5	ug/Kg	10/14/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	24	22	ug/Kg	10/14/14	JLI	SW8260
Trichloroethene	ND	12	2.6	ug/Kg	10/14/14	JLI	SW8260
Trichlorofluoromethane	ND	12	2.7	ug/Kg	10/14/14	JLI	SW8260
Trichlorotrifluoroethane	ND	12	1.9	ug/Kg	10/14/14	JLI	SW8260
Vinyl chloride	ND	12	3.9	ug/Kg	10/14/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	98			%	10/14/14	JLI	70 - 130 %
% Bromofluorobenzene	97			%	10/14/14	JLI	70 - 130 %
% Dibromofluoromethane	100			%	10/14/14	JLI	70 - 130 %
% Toluene-d8	94			%	10/14/14	JLI	70 - 130 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
1,2-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
1,3-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
1,4-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	10/14/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
2,4-Dichlorophenol	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
2,4-Dimethylphenol	ND	270	96	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrophenol	ND	1600	270	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrotoluene	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
2,6-Dinitrotoluene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
2-Chloronaphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Chlorophenol	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylnaphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	10/14/14	DD	SW 8270
2-Nitroaniline	ND	1600	390	ug/Kg	10/14/14	DD	SW 8270
2-Nitrophenol	ND	270	240	ug/Kg	10/14/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	770	180	ug/Kg	10/14/14	DD	SW 8270
3-Nitroaniline	ND	1600	840	ug/Kg	10/14/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	10/14/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
4-Chloroaniline	ND	330	180	ug/Kg	10/14/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	10/14/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	10/14/14	DD	SW 8270
4-Nitrophenol	ND	1600	170	ug/Kg	10/14/14	DD	SW 8270
Acenaphthene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Acenaphthylene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Acetophenone	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Aniline	ND	1900	780	ug/Kg	10/14/14	DD	SW 8270
Anthracene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Benz(a)anthracene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzidine	ND	770	230	ug/Kg	10/14/14	DD	SW 8270
Benzo(a)pyrene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzo(b)fluoranthene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzo(ghi)perylene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Benzo(k)fluoranthene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzoic acid	ND	1900	770	ug/Kg	10/14/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	270	99	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	10/14/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Carbazole	ND	1900	290	ug/Kg	10/14/14	DD	SW 8270
Chrysene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Dibenzofuran	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Diethyl phthalate	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Dimethylphthalate	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Di-n-butylphthalate	ND	270	100	ug/Kg	10/14/14	DD	SW 8270
Di-n-octylphthalate	ND	270	99	ug/Kg	10/14/14	DD	SW 8270
Fluoranthene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Fluorene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobutadiene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Hexachloroethane	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Isophorone	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Naphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Nitrobenzene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodimethylamine	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
Pentachloronitrobenzene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
Pentachlorophenol	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
Phenanthrene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Phenol	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Pyrene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Pyridine	ND	270	95	ug/Kg	10/14/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	94			%	10/14/14	DD	30 - 130 %
% 2-Fluorobiphenyl	88			%	10/14/14	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	72			%	10/14/14	DD	30 - 130 %
% Nitrobenzene-d5	75			%	10/14/14	DD	30 - 130 %
% Phenol-d5	73			%	10/14/14	DD	30 - 130 %
% Terphenyl-d14	91			%	10/14/14	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

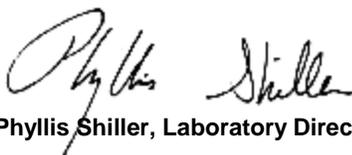
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# QA/QC Report

October 20, 2014

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 289012, QC Sample No: BH26595 (BH26606, BH26607, BH26608, BH26609, BH26610, BH26612)												
<u>ICP Metals - Soil</u>												
Aluminum	BRL	10200	10500	2.90	100	106	5.8	NC	NC	NC	75 - 125	30
Antimony	BRL	<33	<38	NC	105	107	1.9	90.3	89.2	1.2	75 - 125	30
Arsenic	BRL	9.5	7.9	NC	102	108	5.7	95.1	92.4	2.9	75 - 125	30
Barium	BRL	426	193	75.3	105	114	8.2	NC	NC	NC	75 - 125	30
Beryllium	BRL	<2.7	<3.0	NC	100	103	3.0	100	98.7	1.3	75 - 125	30
Cadmium	BRL	<3.3	<3.8	NC	113	115	1.8	99.5	97.7	1.8	75 - 125	30
Calcium	BRL	15900	19900	22.3	100	103	3.0	NC	NC	NC	75 - 125	30
Chromium	BRL	36.3	35.4	2.50	104	106	1.9	102	97.2	4.8	75 - 125	30
Cobalt	BRL	9.2	8.6	NC	87.9	90.7	3.1	98.7	97.5	1.2	75 - 125	30
Copper	BRL	148	143	3.40	94.7	95.3	0.6	101	108	6.7	75 - 125	30
Iron	BRL	24700	24000	2.90	92.2	98.9	7.0	NC	NC	NC	75 - 125	30
Lead	BRL	248	245	1.20	101	103	2.0	111	93.4	17.2	75 - 125	30
Magnesium	BRL	2820	3100	9.50	101	106	4.8	NC	NC	NC	75 - 125	30
Manganese	BRL	487	402	19.1	109	112	2.7	NC	NC	NC	75 - 125	30
Nickel	BRL	18.2	17.2	NC	102	103	1.0	101	101	0.0	75 - 125	30
Potassium	BRL	1560	1630	4.40	98.8	102	3.2	>130	>130	NC	75 - 125	30
Selenium	BRL	<13	<15	NC	98.5	103	4.5	95.5	92.8	2.9	75 - 125	30
Silver	BRL	<3.3	4.5	NC	97.4	101	3.6	109	103	5.7	75 - 125	30
Sodium	BRL	388	422	8.40	101	102	1.0	>130	108	NC	75 - 125	30
Thallium	BRL	<30	<34	NC	101	104	2.9	99.1	96.9	2.2	75 - 125	30
Vanadium	BRL	28.0	30.2	7.60	111	116	4.4	101	99.2	1.8	75 - 125	30
Zinc	BRL	281	269	4.40	108	111	2.7	95.9	>130	NC	75 - 125	30

QA/QC Batch 289057, QC Sample No: BH26599 (BH26606, BH26607, BH26608)

### ICP Metals - TCLP Extraction

Lead	BRL	0.08	0.07	NC	106	105	0.9	102	103	1.0	75 - 125	20
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QA/QC Batch 289055, QC Sample No: BH26769 (BH26609, BH26610, BH26612)

Mercury - Soil	BRL	<0.09	<0.07	NC	104	96.3	7.7	94.8	86.2	9.5	70 - 130	30
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Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

m = This parameter is outside laboratory ms/msd specified recovery limits.

r = This parameter is outside laboratory rpd specified recovery limits.



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# QA/QC Report

October 20, 2014

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 288852, QC Sample No: BH20215 (BH26609, BH26610, BH26612)									
<u>Pesticides - Soil</u>									
4,4' -DDD	ND	83	82	1.2	86	86	0.0	40 - 140	30
4,4' -DDE	ND	84	82	2.4	87	88	1.1	40 - 140	30
4,4' -DDT	ND	80	79	1.3	82	82	0.0	40 - 140	30
a-BHC	ND	86	81	6.0	88	88	0.0	40 - 140	30
a-Chlordane	ND	87	84	3.5	90	89	1.1	40 - 140	30
Aldrin	ND	87	81	7.1	88	87	1.1	40 - 140	30
b-BHC	ND	91	89	2.2	95	94	1.1	40 - 140	30
Chlordane	ND	90	86	4.5	93	93	0.0	40 - 140	30
d-BHC	ND	86	83	3.6	92	92	0.0	40 - 140	30
Dieldrin	ND	93	90	3.3	95	97	2.1	40 - 140	30
Endosulfan I	ND	88	84	4.7	93	89	4.4	40 - 140	30
Endosulfan II	ND	70	74	5.6	92	89	3.3	40 - 140	30
Endosulfan sulfate	ND	57	58	1.7	66	65	1.5	40 - 140	30
Endrin	ND	86	82	4.8	91	89	2.2	40 - 140	30
Endrin aldehyde	ND	63	65	3.1	79	74	6.5	40 - 140	30
Endrin ketone	ND	70	72	2.8	78	76	2.6	40 - 140	30
g-BHC	ND	90	86	4.5	94	96	2.1	40 - 140	30
g-Chlordane	ND	90	86	4.5	93	93	0.0	40 - 140	30
Heptachlor	ND	82	78	5.0	84	85	1.2	40 - 140	30
Heptachlor epoxide	ND	91	87	4.5	93	92	1.1	40 - 140	30
Methoxychlor	ND	72	74	2.7	81	83	2.4	40 - 140	30
Toxaphene	ND	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	88	92	90	2.2	96	105	9.0	30 - 150	30
% TCMX	81	87	81	7.1	89	90	1.1	30 - 150	30

Comment:

Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported as chlordane in the LCS, LCSD, MS and MSD.

QA/QC Batch 288851, QC Sample No: BH20215 (BH26609, BH26610, BH26612)

### Polychlorinated Biphenyls - Soil

PCB-1016	ND	94	88	6.6	89	103	14.6	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	93	89	4.4	90	103	13.5	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	79	102	96	6.1	98	112	13.3	30 - 150	30
% TCMX (Surrogate Rec)	75	95	89	6.5	91	103	12.4	30 - 150	30

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 288879, QC Sample No: BH26345 (BH26609, BH26610, BH26612)										
<b>Semivolatiles - Soil</b>										
1,2,4,5-Tetrachlorobenzene	ND	76	71	6.8	72	71	1.4	30 - 130	30	
1,2,4-Trichlorobenzene	ND	74	71	4.1	71	72	1.4	30 - 130	30	
1,2-Dichlorobenzene	ND	69	65	6.0	66	68	3.0	30 - 130	30	
1,2-Diphenylhydrazine	ND	90	88	2.2	70	70	0.0	30 - 130	30	
1,3-Dichlorobenzene	ND	68	63	7.6	64	66	3.1	30 - 130	30	
1,4-Dichlorobenzene	ND	69	64	7.5	65	67	3.0	30 - 130	30	
2,4,5-Trichlorophenol	ND	87	87	0.0	80	83	3.7	30 - 130	30	
2,4,6-Trichlorophenol	ND	83	86	3.6	78	80	2.5	30 - 130	30	
2,4-Dichlorophenol	ND	78	76	2.6	73	73	0.0	30 - 130	30	
2,4-Dimethylphenol	ND	67	66	1.5	66	66	0.0	30 - 130	30	
2,4-Dinitrophenol	ND	20	33	49.1	<10	<10	NC	30 - 130	30	I,m,r
2,4-Dinitrotoluene	ND	86	84	2.4	75	75	0.0	30 - 130	30	
2,6-Dinitrotoluene	ND	85	82	3.6	77	77	0.0	30 - 130	30	
2-Chloronaphthalene	ND	78	78	0.0	76	77	1.3	30 - 130	30	
2-Chlorophenol	ND	76	73	4.0	71	73	2.8	30 - 130	30	
2-Methylnaphthalene	ND	75	73	2.7	72	72	0.0	30 - 130	30	
2-Methylphenol (o-cresol)	ND	76	74	2.7	73	74	1.4	30 - 130	30	
2-Nitroaniline	ND	110	119	7.9	91	98	7.4	30 - 130	30	
2-Nitrophenol	ND	72	70	2.8	63	69	9.1	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	84	80	4.9	79	80	1.3	30 - 130	30	
3,3'-Dichlorobenzidine	ND	79	76	3.9	42	43	2.4	30 - 130	30	
3-Nitroaniline	ND	95	86	9.9	59	61	3.3	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	38	56	38.3	19	18	5.4	30 - 130	30	m,r
4-Bromophenyl phenyl ether	ND	84	84	0.0	78	83	6.2	30 - 130	30	
4-Chloro-3-methylphenol	ND	82	79	3.7	81	87	7.1	30 - 130	30	
4-Chloroaniline	ND	43	41	4.8	26	27	3.8	30 - 130	30	m
4-Chlorophenyl phenyl ether	ND	83	82	1.2	77	77	0.0	30 - 130	30	
4-Nitroaniline	ND	83	82	1.2	77	78	1.3	30 - 130	30	
4-Nitrophenol	ND	84	85	1.2	68	73	7.1	30 - 130	30	
Acenaphthene	ND	75	76	1.3	71	71	0.0	30 - 130	30	
Acenaphthylene	ND	75	75	0.0	72	73	1.4	30 - 130	30	
Acetophenone	ND	74	71	4.1	70	75	6.9	30 - 130	30	
Aniline	ND	55	51	7.5	34	35	2.9	30 - 130	30	
Anthracene	ND	83	81	2.4	79	79	0.0	30 - 130	30	
Benz(a)anthracene	ND	80	76	5.1	76	76	0.0	30 - 130	30	
Benzidine	ND	17	16	6.1	<10	<10	NC	30 - 130	30	I,m
Benzo(a)pyrene	ND	79	77	2.6	74	73	1.4	30 - 130	30	
Benzo(b)fluoranthene	ND	80	79	1.3	88	86	2.3	30 - 130	30	
Benzo(ghi)perylene	ND	86	77	11.0	49	48	2.1	30 - 130	30	
Benzo(k)fluoranthene	ND	80	78	2.5	78	83	6.2	30 - 130	30	
Benzoic Acid	ND	<10	<10	NC	<10	<10	NC	30 - 130	30	I,m
Benzyl butyl phthalate	ND	85	74	13.8	64	66	3.1	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	73	71	2.8	69	70	1.4	30 - 130	30	
Bis(2-chloroethyl)ether	ND	63	59	6.6	65	66	1.5	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	68	65	4.5	64	65	1.6	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	92	88	4.4	81	84	3.6	30 - 130	30	
Carbazole	ND	118	115	2.6	108	112	3.6	30 - 130	30	
Chrysene	ND	88	85	3.5	81	82	1.2	30 - 130	30	
Dibenz(a,h)anthracene	ND	85	79	7.3	57	59	3.4	30 - 130	30	
Dibenzofuran	ND	81	80	1.2	77	77	0.0	30 - 130	30	

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Diethyl phthalate	ND	81	82	1.2	75	75	0.0	30 - 130	30
Dimethylphthalate	ND	81	80	1.2	75	76	1.3	30 - 130	30
Di-n-butylphthalate	ND	84	82	2.4	72	70	2.8	30 - 130	30
Di-n-octylphthalate	ND	88	87	1.1	70	72	2.8	30 - 130	30
Fluoranthene	ND	83	76	8.8	81	73	10.4	30 - 130	30
Fluorene	ND	83	84	1.2	79	78	1.3	30 - 130	30
Hexachlorobenzene	ND	81	84	3.6	78	82	5.0	30 - 130	30
Hexachlorobutadiene	ND	69	66	4.4	66	67	1.5	30 - 130	30
Hexachlorocyclopentadiene	ND	73	68	7.1	19	17	11.1	30 - 130	30
Hexachloroethane	ND	69	64	7.5	60	57	5.1	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	85	80	6.1	59	60	1.7	30 - 130	30
Isophorone	ND	67	66	1.5	63	64	1.6	30 - 130	30
Naphthalene	ND	75	72	4.1	72	73	1.4	30 - 130	30
Nitrobenzene	ND	73	70	4.2	69	70	1.4	30 - 130	30
N-Nitrosodimethylamine	ND	60	57	5.1	57	45	23.5	30 - 130	30
N-Nitrosodi-n-propylamine	ND	73	71	2.8	68	70	2.9	30 - 130	30
N-Nitrosodiphenylamine	ND	99	96	3.1	87	88	1.1	30 - 130	30
Pentachloronitrobenzene	ND	82	90	9.3	78	81	3.8	30 - 130	30
Pentachlorophenol	ND	72	77	6.7	54	62	13.8	30 - 130	30
Phenanthrene	ND	83	84	1.2	93	86	7.8	30 - 130	30
Phenol	ND	76	74	2.7	72	74	2.7	30 - 130	30
Pyrene	ND	84	78	7.4	80	71	11.9	30 - 130	30
Pyridine	ND	42	41	2.4	40	34	16.2	30 - 130	30
% 2,4,6-Tribromophenol	82	78	86	9.8	72	76	5.4	30 - 130	30
% 2-Fluorobiphenyl	78	75	75	0.0	73	73	0.0	30 - 130	30
% 2-Fluorophenol	66	69	65	6.0	62	63	1.6	30 - 130	30
% Nitrobenzene-d5	72	69	67	2.9	66	67	1.5	30 - 130	30
% Phenol-d5	73	74	72	2.7	69	69	0.0	30 - 130	30
% Terphenyl-d14	94	86	82	4.8	63	61	3.2	30 - 130	30

m

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 289165, QC Sample No: BH26748 (BH26609, BH26610 (42, 1X) , BH26611, BH26612)

### Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	105	105	0.0	105	105	0.0	70 - 130	30
1,1,1-Trichloroethane	ND	105	105	0.0	103	103	0.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	104	104	0.0	109	105	3.7	70 - 130	30
1,1,2-Trichloroethane	ND	100	99	1.0	103	102	1.0	70 - 130	30
1,1-Dichloroethane	ND	100	102	2.0	102	102	0.0	70 - 130	30
1,1-Dichloroethene	ND	107	108	0.9	100	99	1.0	70 - 130	30
1,1-Dichloropropene	ND	104	105	1.0	105	104	1.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	96	96	0.0	99	95	4.1	70 - 130	30
1,2,3-Trichloropropane	ND	97	99	2.0	94	94	0.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	90	91	1.1	99	92	7.3	70 - 130	30
1,2,4-Trimethylbenzene	ND	95	96	1.0	98	91	7.4	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	105	104	1.0	100	103	3.0	70 - 130	30
1,2-Dibromoethane	ND	101	100	1.0	100	101	1.0	70 - 130	30
1,2-Dichlorobenzene	ND	98	98	0.0	100	98	2.0	70 - 130	30
1,2-Dichloroethane	ND	102	102	0.0	103	102	1.0	70 - 130	30
1,2-Dichloropropane	ND	102	101	1.0	104	103	1.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	101	101	0.0	102	97	5.0	70 - 130	30
1,3-Dichlorobenzene	ND	96	96	0.0	100	97	3.0	70 - 130	30

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3-Dichloropropane	ND	100	101	1.0	102	101	1.0	70 - 130	30
1,4-Dichlorobenzene	ND	94	95	1.1	100	97	3.0	70 - 130	30
2,2-Dichloropropane	ND	103	104	1.0	98	98	0.0	70 - 130	30
2-Chlorotoluene	ND	99	99	0.0	102	101	1.0	70 - 130	30
2-Hexanone	ND	92	90	2.2	76	78	2.6	70 - 130	30
2-Isopropyltoluene	ND	102	102	0.0	98	96	2.1	70 - 130	30
4-Chlorotoluene	ND	95	95	0.0	100	97	3.0	70 - 130	30
4-Methyl-2-pentanone	ND	95	93	2.1	94	95	1.1	70 - 130	30
Acetone	ND	100	94	6.2	56	56	0.0	70 - 130	30
Acrylonitrile	ND	99	99	0.0	91	90	1.1	70 - 130	30
Benzene	ND	104	104	0.0	103	103	0.0	70 - 130	30
Bromobenzene	ND	100	101	1.0	102	99	3.0	70 - 130	30
Bromochloromethane	ND	101	104	2.9	102	102	0.0	70 - 130	30
Bromodichloromethane	ND	106	104	1.9	104	104	0.0	70 - 130	30
Bromoform	ND	109	107	1.9	103	106	2.9	70 - 130	30
Bromomethane	ND	112	113	0.9	104	108	3.8	70 - 130	30
Carbon Disulfide	ND	106	108	1.9	92	91	1.1	70 - 130	30
Carbon tetrachloride	ND	107	105	1.9	103	106	2.9	70 - 130	30
Chlorobenzene	ND	99	100	1.0	104	103	1.0	70 - 130	30
Chloroethane	ND	105	105	0.0	70	68	2.9	70 - 130	30
Chloroform	ND	100	101	1.0	100	100	0.0	70 - 130	30
Chloromethane	ND	106	108	1.9	116	113	2.6	70 - 130	30
cis-1,2-Dichloroethene	ND	101	102	1.0	102	100	2.0	70 - 130	30
cis-1,3-Dichloropropene	ND	104	104	0.0	102	102	0.0	70 - 130	30
Dibromochloromethane	ND	107	107	0.0	106	107	0.9	70 - 130	30
Dibromomethane	ND	100	99	1.0	101	101	0.0	70 - 130	30
Dichlorodifluoromethane	ND	110	114	3.6	115	115	0.0	70 - 130	30
Ethylbenzene	ND	103	103	0.0	105	104	1.0	70 - 130	30
Hexachlorobutadiene	ND	106	105	0.9	100	98	2.0	70 - 130	30
Isopropylbenzene	ND	101	101	0.0	103	102	1.0	70 - 130	30
m&p-Xylene	ND	100	100	0.0	105	103	1.9	70 - 130	30
Methyl ethyl ketone	ND	93	90	3.3	67	68	1.5	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	104	104	0.0	93	93	0.0	70 - 130	30
Methylene chloride	ND	74	75	1.3	97	87	10.9	70 - 130	30
Naphthalene	ND	101	101	0.0	100	98	2.0	70 - 130	30
n-Butylbenzene	ND	96	96	0.0	103	98	5.0	70 - 130	30
n-Propylbenzene	ND	95	95	0.0	103	101	2.0	70 - 130	30
o-Xylene	ND	102	101	1.0	107	105	1.9	70 - 130	30
p-Isopropyltoluene	ND	101	101	0.0	110	104	5.6	70 - 130	30
sec-Butylbenzene	ND	105	105	0.0	103	100	3.0	70 - 130	30
Styrene	ND	99	100	1.0	104	102	1.9	70 - 130	30
tert-Butylbenzene	ND	103	103	0.0	104	103	1.0	70 - 130	30
Tetrachloroethene	ND	102	102	0.0	106	105	0.9	70 - 130	30
Tetrahydrofuran (THF)	ND	96	99	3.1	88	89	1.1	70 - 130	30
Toluene	ND	103	103	0.0	104	103	1.0	70 - 130	30
trans-1,2-Dichloroethene	ND	103	104	1.0	102	101	1.0	70 - 130	30
trans-1,3-Dichloropropene	ND	106	105	0.9	101	101	0.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	102	101	1.0	88	89	1.1	70 - 130	30
Trichloroethene	ND	105	105	0.0	104	103	1.0	70 - 130	30
Trichlorofluoromethane	ND	114	114	0.0	114	113	0.9	70 - 130	30
Trichlorotrifluoroethane	ND	106	107	0.9	93	96	3.2	70 - 130	30
Vinyl chloride	ND	104	105	1.0	119	119	0.0	70 - 130	30
% 1,2-dichlorobenzene-d4	101	101	99	2.0	98	98	0.0	70 - 130	30

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Bromofluorobenzene	97	99	99	0.0	103	102	1.0	70 - 130	30
% Dibromofluoromethane	102	99	100	1.0	98	99	1.0	70 - 130	30
% Toluene-d8	94	100	100	0.0	100	100	0.0	70 - 130	30

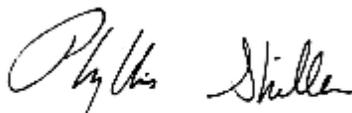
Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.  
m = This parameter is outside laboratory ms/msd specified recovery limits.  
r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference  
LCS - Laboratory Control Sample  
LCSD - Laboratory Control Sample Duplicate  
MS - Matrix Spike  
MS Dup - Matrix Spike Duplicate  
NC - No Criteria  
Intf - Interference

  
Phyllis Shiller, Laboratory Director  
October 20, 2014

## Sample Criteria Exceedences Report

Criteria: NY: 375, 375RRS, 375RS, TAGS

GBH26606 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BH26606	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	3980	78	400	400	400	mg/Kg
BH26606	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	3980	78	400	400	400	mg/Kg
BH26606	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	3980	78	63	63	63	mg/Kg
BH26606	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	3980	78		0.03	0.03	mg/Kg
BH26606	TCLP-PB	TCLP Lead	EPA / 40 CFR 261.24 / Toxicity Characteristics	5.01	0.10	5	5	5	mg/L
BH26607	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1770	70	400	400	400	mg/Kg
BH26607	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	1770	70	400	400	400	mg/Kg
BH26607	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1770	70	63	63	63	mg/Kg
BH26607	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	1770	70		0.03	0.03	mg/Kg
BH26608	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	145	6.9	63	63	63	mg/Kg
BH26608	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	145	6.9		0.03	0.03	mg/Kg
BH26609	\$8270SMRDP	Aniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	100	330	330	ug/Kg
BH26609	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.40	0.28	0.16	0.05	0.05	mg/Kg
BH26609	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	24.7	0.36	10	0.1	0.1	mg/Kg
BH26609	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	20900	36	2000	1	1	mg/Kg
BH26609	MN-SM	Manganese	NY / TAGM - Heavy Metals / Soil Standards	519	3.6		0.15	0.15	mg/Kg
BH26609	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	7.4	0.7		0.03	0.03	mg/Kg
BH26609	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	37.2	0.7	20	0.2	0.2	mg/Kg
BH26610	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	110	98	50	50	50	ug/Kg
BH26610	\$8260MADPR	Dibromochloromethane	NY / TAGM - Volatile Organics / Soil Standards	ND	9.8		5	5	ug/Kg
BH26610	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1600	270	1000	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1900	270	1000	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1900	270	1000	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	730	270	500	500	500	ug/Kg
BH26610	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2100	270	1000	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	730	270	500	500	500	ug/Kg
BH26610	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	2100	270	1000	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	270	1000	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1900	270	1000	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	270	1000	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	270	1000	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	270	1000	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	730	270	500	500	500	ug/Kg
BH26610	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	270	1000	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	1900	270	224	330	330	ug/Kg
BH26610	\$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	150	270	61	330	330	ug/Kg
BH26610	\$8270SMRDP	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Soil Standards	2100	270	1100	330	330	ug/Kg
BH26610	\$8270SMRDP	Chrysene	NY / TAGM - Semi-Volatiles / Soil Standards	1900	270	400	330	330	ug/Kg
BH26610	\$8270SMRDP	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	200	1600	1600	ug/Kg

## Sample Criteria Exceedences Report

Criteria: NY: 375, 375RRS, 375RS, TAGS

GBH26606 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BH26610	\$8270SMRDP	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	430	1600		ug/Kg
BH26610	\$8270SMRDP	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	500	1600		ug/Kg
BH26610	\$8270SMRDP	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	770	220	330		ug/Kg
BH26610	\$8270SMRDP	Aniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	100	330		ug/Kg
BH26610	\$8270SMRDP	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	100	1600		ug/Kg
BH26610	\$PCB_SMRDP	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	110	38	100	100		ug/Kg
BH26610	\$PESTSM_NY	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	3.9	3.3	3.3		ug/Kg
BH26610	AS-SM	Arsenic	NY / TAGM - Heavy Metals / Soil Standards	9.7	0.7	7.5	0.1		mg/Kg
BH26610	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.32	0.29	0.16	0.05		mg/Kg
BH26610	CD-SM	Cadmium	NY / TAGM - Heavy Metals / Soil Standards	1.45	0.37	1	0.05		mg/Kg
BH26610	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	18.8	0.37	10	0.1		mg/Kg
BH26610	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	77.4	0.37	50	50		mg/kg
BH26610	CU-SM	Copper	NY / TAGM - Heavy Metals / Soil Standards	77.4	0.37	25	0.25		mg/kg
BH26610	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	28500	37	2000	1		mg/Kg
BH26610	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.16	0.09	0.81	0.81		mg/Kg
BH26610	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.16	0.09	0.81	0.81		mg/Kg
BH26610	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.16	0.09	0.18	0.18		mg/Kg
BH26610	HG-SM	Mercury	NY / TAGM - Heavy Metals / Soil Standards	2.16	0.09	0.1	0.002		mg/Kg
BH26610	MN-SM	Manganese	NY / TAGM - Heavy Metals / Soil Standards	265	3.7		0.15		mg/Kg
BH26610	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	16.0	0.37	13	0.4		mg/Kg
BH26610	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	358	7.4	63	63		mg/Kg
BH26610	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	358	7.4		0.03		mg/Kg
BH26610	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	556	7.4	109	109		mg/Kg
BH26610	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	556	7.4	20	0.2		mg/Kg
BH26612	\$8270SMRDP	Aniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	100	330		ug/Kg
BH26612	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.44	0.28	0.16	0.05		mg/Kg
BH26612	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	20.2	0.35	10	0.1		mg/Kg
BH26612	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	26600	35	2000	1		mg/Kg
BH26612	MN-SM	Manganese	NY / TAGM - Heavy Metals / Soil Standards	173	3.5		0.15		mg/Kg
BH26612	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	14.2	0.35	13	0.4		mg/Kg
BH26612	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	7.2	0.7		0.03		mg/Kg
BH26612	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	37.8	0.7	20	0.2		mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

October 20, 2014

SDG I.D.: GBH26606

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)



**NY/NJ CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726

Cooler: Yes  No   
 IPK  ICE   
 Temp 4 °C Pg of 1

**Contact Options:**

Fax: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: Eric

Customer: ERC Project: 771-881 Metropolitan Ridge

Address: Ridge  
 Report to: \_\_\_\_\_  
 Invoice to: \_\_\_\_\_

This section **MUST** be completed with **Bottle Quantities.**

**Client Sample - Information - Identification**

Sampler's Signature: \_\_\_\_\_ Date: 10/13/14 Analysis Request

Matrix Code: \_\_\_\_\_  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
201000	BS 0-2'	S	10-10-14	
201001	BS 2-4'			
201002	BS 4-6'			
201003	BS 8-10'			
201004	BS 0-2'			
201005	BS 8-10'			
201006	BS 12-14'			

Soil VOA Vials (metanol) 1 HzO	GL Soil container (oz)	40 ml VOA Vial (oz)	GL Amber 100ml (oz)	PL As [ 250ml ] [ H2SO4 ] [ 500ml ] [ 1000ml ]	PL H2SO4 [ 250ml ] [ 500ml ] [ 1000ml ]	PL NaOH 250ml	Bacterial Bottle

Relinquished by: \_\_\_\_\_ Accepted by: \_\_\_\_\_  
 Date: 10-17-14 Time: 10:30  
10-13-14 15:50

Turnaround:  1 Day\*  2 Days\*  3 Days\*  5 Days  10 Days  Other

\* SURCHARGE APPLIES

NJ Res. Criteria  Non-Res. Criteria  Impact to GW Soil Cleanup Criteria  GW Criteria

NY TAGM 4046 GW  TAGM 4046 SOIL  NY 375 Unrestricted Use Soil  NY 375 Residential Soil  Restricted/Residential Commercial  Industrial

Data Format:  Phoenix Std Report  Excel  PDF  GIS/Key  EQUIS  NJ Hazsite EDD  NY EZ EDD (ASP)  Other \_\_\_\_\_

Data Package:  NJ Reduced Deliv.\*  NY Enhanced (ASP B)\*  Other \_\_\_\_\_

State where samples were collected: \_\_\_\_\_

Comments, Special Requirements or Regulations:



Friday, October 17, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
Sample ID#s: BH26595 - BH26605

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

9:00  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26595

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B2 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	248	6.7	3.3	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.10	B*	0.10	0.010	mg/L	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	90			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
 This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date            Time  
 10/10/14        9:15  
 10/13/14        15:56

Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26596

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B8 2-4 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	5100	70	35	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	18.8	* 0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	88			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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**Analysis Report**  
 October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

10:00  
 15:56

Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26597

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B9 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	1170	7.5	3.8	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.49	* 0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	92			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

10:15  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26598

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B9 2-4 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	715	7.2	3.6	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	1.13	* 0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	91			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
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# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

10:30  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26599

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B9 4-6 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	172	7.3	3.6	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.08	B*	0.10	0.010	mg/L	10/14/14	EK SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	89			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

10:45  
 15:56

Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26600

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B10 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	143	7.2	3.6	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.06	B*	0.10	0.010	mg/L	10/14/14	EK SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	87			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
 This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

11:00  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26601

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B10 2-4 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	172	7.1	3.5	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	< 0.10 *	0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	87			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

11:15  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26602

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B10 4-6 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	126	6.9	3.5	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.06	B*	0.10	0.010	mg/L	10/14/14	EK SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	86			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date                      Time  
 10/10/14                      11:30  
 10/13/14                      15:56

Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26603

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B11 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	3590	75	38	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	2.01	* 0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	92			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

11:45  
 15:56

Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26604

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B11 2-4 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	7280	66	33	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	71.4	1.0	0.10	mg/L	10/15/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	89			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

12:00  
 15:56

Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26605

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B11 4-6 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	117	7.2	3.6	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.12	* 0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	88			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

**Sample Criteria Exceedences Report**

Criteria: NY: 375, 375RRS, 375RS

**GBH26595 - EBC**

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH26595	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	248	6.7	63	63	mg/Kg
BH26596	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	5100	70	400	400	mg/Kg
BH26596	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	5100	70	400	400	mg/Kg
BH26596	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	5100	70	63	63	mg/Kg
BH26596	TCLP-PB	TCLP Lead	EPA / 40 CFR 261.24 / Toxicity Characteristics	18.8	0.10	5	5	mg/L
BH26597	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1170	7.5	400	400	mg/Kg
BH26597	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	1170	7.5	400	400	mg/Kg
BH26597	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1170	7.5	63	63	mg/Kg
BH26598	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	715	7.2	400	400	mg/Kg
BH26598	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	715	7.2	400	400	mg/Kg
BH26598	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	715	7.2	63	63	mg/Kg
BH26599	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	172	7.3	63	63	mg/Kg
BH26600	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	143	7.2	63	63	mg/Kg
BH26601	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	172	7.1	63	63	mg/Kg
BH26602	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	126	6.9	63	63	mg/Kg
BH26603	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	3590	75	400	400	mg/Kg
BH26603	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	3590	75	400	400	mg/Kg
BH26603	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	3590	75	63	63	mg/Kg
BH26604	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	7280	66	400	400	mg/Kg
BH26604	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	7280	66	400	400	mg/Kg
BH26604	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	7280	66	63	63	mg/Kg
BH26604	TCLP-PB	TCLP Lead	EPA / 40 CFR 261.24 / Toxicity Characteristics	71.4	1.0	5	5	mg/L
BH26605	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	117	7.2	63	63	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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# NY Temperature Narration

October 17, 2014

SDG I.D.: GBH26595

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes  No   
 IPK  ICE  No   
 Temp 4 °C Pg of

Contact Options:  
 Fax: \_\_\_\_\_  
 Phone: (631) 504-6000  
 Email: C:sosik@ebcincnv.com

**NY/NJ CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Customer: Environmental Business Consultants  
 Address: 1808 Middle Country Road  
 Ridge, New York 11961

Project: 771 Metro Politan Ave Brooklyn Project P.O.  
 Report to: Environmental Business Consultants  
 Invoice to: Environmental Business Consultants

This section **MUST** be completed with **Bottle Quantities.**

Sampler's Signature: \_\_\_\_\_ Date: 10/13/14  
 Client Sample - Information - Identification Analysis Request

Matrix Code:  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
20595	B0 0-2	S	10-10-14	9:00	Soil VOA Vals [X] methanol [X] H2O
20596	B8 2-4	S	9:15		GL Soil container (8) oz
20597	B9 0-2	S	10:00		GL VOA Vals [X] methanol [X] H2O
20598	B9 2-4	S	10:15		GL Soil container (8) oz
20599	B9 4-6	S	10:30		GL VOA Vals [X] methanol [X] H2O
20600	B10 0-2	S	10:45		GL Soil container (8) oz
20601	B10 2-4	S	11:00		GL VOA Vals [X] methanol [X] H2O
20602	B10 4-6	S	11:15		GL Soil container (8) oz
20603	B11 0-2	S	11:30		GL VOA Vals [X] methanol [X] H2O
20604	B11 2-4	S	11:45		GL Soil container (8) oz
20605	B11 4-6	S	12:00		GL VOA Vals [X] methanol [X] H2O

Relinquished by: \_\_\_\_\_ Accepted by: \_\_\_\_\_  
 Date: 10-13-14 Time: 10:30  
 Date: 10-13-14 Time: 15:50

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 5 Days  
 10 Days  
 Other  
 \* SURCHARGE APPLIES

State where samples were collected: NY

Comments, Special Requirements or Regulations:

NY  
 TAGM 4046 GW  
 TAGM 4046 SOIL  
 NY375 Unrestricted Use Soil  
 NY375 Residential  
 Restricted/Residential  
 Commercial  
 Industrial

NJ  
 Res. Criteria  
 Non-Res. Criteria  
 Impact to GW Soil Cleanup Criteria  
 GW Criteria

Data Format  
 Phoenix Std Report  
 Excel  
 PDF  
 GIS/Key  
 EQuls  
 NJ Hazsite EDD  
 NY EZ EDD (ASP)  
 Other

Data Package  
 NJ Reduced Deliv.\*  
 NY Enhanced (ASP B)\*  
 Other



Friday, October 03, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
Sample ID#s: BH20400 - BH20402

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

October 03, 2014

SDG I.D.: GBH20400

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8260 Volatile Organics:

1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/FID method 504 or 8011 to achieve this criteria.



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**NY ANALYTICAL SERVICES PROTOCOL  
DATA PACKAGE**

**Client: Environmental Business Consultants**  
**Project: 781 METROPOLITAN AVE., BROOKLYN**  
**Laboratory Project: GBH20400**



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Analytical Services Protocol Format

October 03, 2014

SDG I.D.: GBH20400

Environmental Business Consultants 781 METROPOLITAN AVE., BROOKLYN

---

## Methodology Summary

### Volatile Organics

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 8260C.

## Sample Id Cross Reference

Client Id	Lab Id	Matrix
MW1	BH20400	GROUND WATER
MW2	BH20401	GROUND WATER
MW3	BH20402	GROUND WATER

---



**Environmental Laboratories, Inc.**  
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Tel. (860) 645-1102 Fax (860) 645-0823



# NY Analytical Services Protocol Format

October 03, 2014

SDG I.D.: GBH20400

Environmental Business Consultants 781 METROPOLITAN AVE., BROOKLYN

---

## Laboratory Chronicle

The samples in this delivery group were received at 6°C.

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BH20400	Volatiles	09/25/14	10/02/14	10/02/14	MH	Y
BH20401	Volatiles	09/25/14	10/02/14	10/02/14	MH	Y
BH20402	Volatiles	09/25/14	09/29/14	09/29/14	MH	Y



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 03, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: GROUND WATER  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/25/14  
 09/29/14

## Time

8:00  
 16:15

## Laboratory Data

SDG ID: GBH20400  
 Phoenix ID: BH20400

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
 Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	10/02/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	10/02/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	10/02/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	10/02/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	10/02/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	10/02/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Acetone	4.3	JS	5.0	0.31	ug/L	10/02/14	MH SW8260
Acrolein	ND		5.0	0.95	ug/L	10/02/14	MH SW8260
Acrylonitrile	ND		5.0	0.17	ug/L	10/02/14	MH SW8260
Benzene	0.79		0.70	0.19	ug/L	10/02/14	MH SW8260
Bromobenzene	ND		1.0	0.20	ug/L	10/02/14	MH SW8260
Bromochloromethane	ND		1.0	0.22	ug/L	10/02/14	MH SW8260
Bromodichloromethane	ND		1.0	0.16	ug/L	10/02/14	MH SW8260
Bromoform	ND		5.0	0.10	ug/L	10/02/14	MH SW8260
Bromomethane	ND		5.0	0.50	ug/L	10/02/14	MH SW8260
Carbon Disulfide	ND		1.0	0.24	ug/L	10/02/14	MH SW8260
Carbon tetrachloride	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
Chlorobenzene	ND		5.0	0.20	ug/L	10/02/14	MH SW8260
Chloroethane	ND		5.0	0.24	ug/L	10/02/14	MH SW8260
Chloroform	ND		5.0	0.22	ug/L	10/02/14	MH SW8260
Chloromethane	0.72	J	5.0	0.21	ug/L	10/02/14	MH SW8260
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	10/02/14	MH SW8260
Dibromochloromethane	ND		1.0	0.15	ug/L	10/02/14	MH SW8260
Dibromomethane	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	10/02/14	MH SW8260
Ethylbenzene	ND		1.0	0.19	ug/L	10/02/14	MH SW8260
Hexachlorobutadiene	ND		0.5	0.13	ug/L	10/02/14	MH SW8260
Isopropylbenzene	ND		1.0	0.22	ug/L	10/02/14	MH SW8260
m&p-Xylene	ND		1.0	0.42	ug/L	10/02/14	MH SW8260
Methyl ethyl ketone	ND		1.0	0.50	ug/L	10/02/14	MH SW8260
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	10/02/14	MH SW8260
Methylene chloride	ND		3.0	0.16	ug/L	10/02/14	MH SW8260
Naphthalene	ND		1.0	0.19	ug/L	10/02/14	MH SW8260
n-Butylbenzene	ND		1.0	0.22	ug/L	10/02/14	MH SW8260
n-Propylbenzene	ND		1.0	0.20	ug/L	10/02/14	MH SW8260
o-Xylene	ND		1.0	0.45	ug/L	10/02/14	MH SW8260
p-Isopropyltoluene	ND		1.0	0.21	ug/L	10/02/14	MH SW8260
sec-Butylbenzene	ND		1.0	0.22	ug/L	10/02/14	MH SW8260
Styrene	ND		1.0	0.41	ug/L	10/02/14	MH SW8260
tert-Butylbenzene	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
Tetrachloroethene	ND		1.0	0.24	ug/L	10/02/14	MH SW8260
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	10/02/14	MH SW8260
Toluene	ND		1.0	0.20	ug/L	10/02/14	MH SW8260
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	10/02/14	MH SW8260
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	10/02/14	MH SW8260
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	10/02/14	MH SW8260
Trichloroethene	ND		1.0	0.18	ug/L	10/02/14	MH SW8260
Trichlorofluoromethane	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
Vinyl chloride	ND		1.0	0.14	ug/L	10/02/14	MH SW8260
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	101			%	10/02/14	MH	70 - 121 %
% Bromofluorobenzene	94			%	10/02/14	MH	59 - 113 %
% Dibromofluoromethane	97			%	10/02/14	MH	70 - 130 %

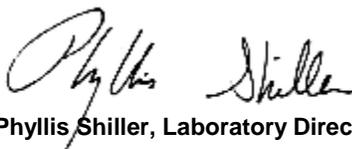
Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	100			%	10/02/14	MH	84 - 138 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 03, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
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# Analysis Report

October 03, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: GROUND WATER  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/25/14  
 09/29/14

## Time

9:00  
 16:15

## Laboratory Data

SDG ID: GBH20400  
 Phoenix ID: BH20401

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
 Client ID: MW2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	10/02/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	10/02/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	10/02/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	10/02/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	10/02/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	10/02/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Acetone	5.2	S 5.0	0.31	ug/L	10/02/14	MH	SW8260
Acrolein	ND	5.0	0.95	ug/L	10/02/14	MH	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	10/02/14	MH	SW8260
Benzene	0.24	J 0.70	0.19	ug/L	10/02/14	MH	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
Bromoform	ND	5.0	0.10	ug/L	10/02/14	MH	SW8260
Bromomethane	ND	5.0	0.50	ug/L	10/02/14	MH	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	10/02/14	MH	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	10/02/14	MH	SW8260
Chloroethane	ND	5.0	0.24	ug/L	10/02/14	MH	SW8260
Chloroform	ND	5.0	0.22	ug/L	10/02/14	MH	SW8260
Chloromethane	ND	5.0	0.21	ug/L	10/02/14	MH	SW8260
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	10/02/14	MH	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	10/02/14	MH	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	10/02/14	MH	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
Hexachlorobutadiene	ND	0.5	0.13	ug/L	10/02/14	MH	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	10/02/14	MH	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	10/02/14	MH	SW8260
Methyl t-butyl ether (MTBE)	0.99	J 1.0	0.19	ug/L	10/02/14	MH	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	10/02/14	MH	SW8260
Naphthalene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
n-Butylbenzene	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
o-Xylene	ND	1.0	0.45	ug/L	10/02/14	MH	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
Styrene	ND	1.0	0.41	ug/L	10/02/14	MH	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
Tetrachloroethene	ND	1.0	0.24	ug/L	10/02/14	MH	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	10/02/14	MH	SW8260
Toluene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	10/02/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	10/02/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	10/02/14	MH	SW8260
Trichloroethene	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	10/02/14	MH	SW8260
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	102			%	10/02/14	MH	70 - 121 %
% Bromofluorobenzene	94			%	10/02/14	MH	59 - 113 %
% Dibromofluoromethane	97			%	10/02/14	MH	70 - 130 %

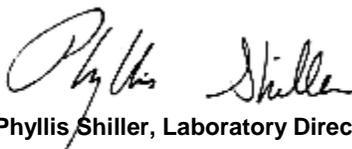
Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	99			%	10/02/14	MH	84 - 138 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 03, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 03, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: GROUND WATER  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/25/14  
 09/29/14

## Time

10:00  
 16:15

## Laboratory Data

SDG ID: GBH20400  
 Phoenix ID: BH20402

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
 Client ID: MW3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
1,1,1-Trichloroethane	ND	10	0.38	ug/L	10/02/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	2.0	0.30	ug/L	10/02/14	MH	SW8260
1,1,2-Trichloroethane	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethane	ND	10	0.46	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethene	ND	2.0	0.48	ug/L	10/02/14	MH	SW8260
1,1-Dichloropropene	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
1,2,3-Trichloropropane	ND	2.0	0.42	ug/L	10/02/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	2.0	0.36	ug/L	10/02/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	2.0	0.36	ug/L	10/02/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	2.0	0.72	ug/L	10/02/14	MH	SW8260
1,2-Dibromoethane	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
1,2-Dichlorobenzene	ND	2.0	0.32	ug/L	10/02/14	MH	SW8260
1,2-Dichloroethane	ND	1.2	0.40	ug/L	10/02/14	MH	SW8260
1,2-Dichloropropane	ND	2.0	0.36	ug/L	10/02/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	2.0	0.42	ug/L	10/02/14	MH	SW8260
1,3-Dichlorobenzene	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
1,3-Dichloropropane	ND	2.0	0.44	ug/L	10/02/14	MH	SW8260
1,4-Dichlorobenzene	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
2,2-Dichloropropane	ND	2.0	0.32	ug/L	10/02/14	MH	SW8260
2-Chlorotoluene	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
2-Hexanone	ND	2.0	0.54	ug/L	10/02/14	MH	SW8260
2-Isopropyltoluene	ND	2.0	0.42	ug/L	10/02/14	MH	SW8260
4-Chlorotoluene	ND	2.0	0.32	ug/L	10/02/14	MH	SW8260
4-Methyl-2-pentanone	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Acetone	800	S 500	31	ug/L	09/29/14	MH	SW8260
Acrolein	ND	10	1.9	ug/L	10/02/14	MH	SW8260
Acrylonitrile	ND	10	0.34	ug/L	10/02/14	MH	SW8260
Benzene	ND	1.4	0.38	ug/L	10/02/14	MH	SW8260
Bromobenzene	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
Bromochloromethane	ND	2.0	0.44	ug/L	10/02/14	MH	SW8260
Bromodichloromethane	ND	2.0	0.32	ug/L	10/02/14	MH	SW8260
Bromoform	ND	10	0.20	ug/L	10/02/14	MH	SW8260
Bromomethane	ND	10	1.0	ug/L	10/02/14	MH	SW8260
Carbon Disulfide	2.8	2.0	0.48	ug/L	10/02/14	MH	SW8260
Carbon tetrachloride	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
Chlorobenzene	ND	10	0.40	ug/L	10/02/14	MH	SW8260
Chloroethane	ND	10	0.48	ug/L	10/02/14	MH	SW8260
Chloroform	ND	10	0.44	ug/L	10/02/14	MH	SW8260
Chloromethane	ND	10	0.42	ug/L	10/02/14	MH	SW8260
cis-1,2-Dichloroethene	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
cis-1,3-Dichloropropene	ND	0.80	0.30	ug/L	10/02/14	MH	SW8260
Dibromochloromethane	ND	2.0	0.30	ug/L	10/02/14	MH	SW8260
Dibromomethane	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
Dichlorodifluoromethane	ND	2.0	0.52	ug/L	10/02/14	MH	SW8260
Ethylbenzene	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
Hexachlorobutadiene	ND	2.0	0.26	ug/L	10/02/14	MH	SW8260
Isopropylbenzene	ND	2.0	0.44	ug/L	10/02/14	MH	SW8260
m&p-Xylene	ND	2.0	0.84	ug/L	10/02/14	MH	SW8260
Methyl ethyl ketone	32	2.0	1.0	ug/L	10/02/14	MH	SW8260
Methyl t-butyl ether (MTBE)	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
Methylene chloride	ND	6.0	0.32	ug/L	10/02/14	MH	SW8260
Naphthalene	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
n-Butylbenzene	ND	2.0	0.44	ug/L	10/02/14	MH	SW8260
n-Propylbenzene	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
o-Xylene	ND	2.0	0.90	ug/L	10/02/14	MH	SW8260
p-Isopropyltoluene	ND	2.0	0.42	ug/L	10/02/14	MH	SW8260
sec-Butylbenzene	ND	2.0	0.44	ug/L	10/02/14	MH	SW8260
Styrene	ND	2.0	0.82	ug/L	10/02/14	MH	SW8260
tert-Butylbenzene	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
Tetrachloroethene	ND	2.0	0.48	ug/L	10/02/14	MH	SW8260
Tetrahydrofuran (THF)	ND	10	1.0	ug/L	10/02/14	MH	SW8260
Toluene	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
trans-1,2-Dichloroethene	ND	10	0.40	ug/L	10/02/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.80	0.28	ug/L	10/02/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	2.0	0.90	ug/L	10/02/14	MH	SW8260
Trichloroethene	ND	2.0	0.36	ug/L	10/02/14	MH	SW8260
Trichlorofluoromethane	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
Trichlorotrifluoroethane	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
Vinyl chloride	ND	2.0	0.28	ug/L	10/02/14	MH	SW8260
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	103			%	10/02/14	MH	70 - 121 %
% Bromofluorobenzene	95			%	10/02/14	MH	59 - 113 %
% Dibromofluoromethane	102			%	10/02/14	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	99			%	10/02/14	MH	84 - 138 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

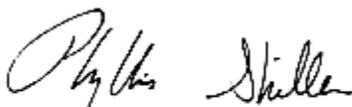
**Comments:**

Volatile Comment:

Elevated reporting limits due to the foamy nature of the sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**October 03, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# QA/QC Report

October 03, 2014

## QA/QC Data

SDG I.D.: GBH20400

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 287798, QC Sample No: BH19145 (BH20402 (100X) )

### Volatiles - Ground Water

Acetone	ND	100	108	7.7	81	105	25.8	70 - 130	30
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Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 287994, QC Sample No: BH21782 (BH20400, BH20401, BH20402 (2X) )

### Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	95	91	4.3	108	94	13.9	70 - 130	30
1,1,1-Trichloroethane	ND	88	85	3.5	102	89	13.6	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	94	94	0.0	106	91	15.2	70 - 130	30
1,1,2-Trichloroethane	ND	89	92	3.3	110	96	13.6	70 - 130	30
1,1-Dichloroethane	ND	85	83	2.4	101	89	12.6	70 - 130	30
1,1-Dichloroethene	ND	89	87	2.3	98	88	10.8	70 - 130	30
1,1-Dichloropropene	ND	89	84	5.8	101	88	13.8	70 - 130	30
1,2,3-Trichlorobenzene	ND	91	90	1.1	106	94	12.0	70 - 130	30
1,2,3-Trichloropropane	ND	90	91	1.1	105	92	13.2	70 - 130	30
1,2,4-Trichlorobenzene	ND	92	90	2.2	106	93	13.1	70 - 130	30
1,2,4-Trimethylbenzene	ND	87	82	5.9	102	89	13.6	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	92	91	1.1	110	96	13.6	70 - 130	30
1,2-Dibromoethane	ND	92	93	1.1	110	95	14.6	70 - 130	30
1,2-Dichlorobenzene	ND	90	87	3.4	104	91	13.3	70 - 130	30
1,2-Dichloroethane	ND	91	91	0.0	105	94	11.1	70 - 130	30
1,2-Dichloropropane	ND	88	87	1.1	103	90	13.5	70 - 130	30
1,3,5-Trimethylbenzene	ND	90	84	6.9	101	89	12.6	70 - 130	30
1,3-Dichlorobenzene	ND	90	86	4.5	104	91	13.3	70 - 130	30
1,3-Dichloropropane	ND	90	90	0.0	106	93	13.1	70 - 130	30
1,4-Dichlorobenzene	ND	89	85	4.6	102	91	11.4	70 - 130	30
2,2-Dichloropropane	ND	92	87	5.6	79	70	12.1	70 - 130	30
2-Chlorotoluene	ND	90	84	6.9	102	90	12.5	70 - 130	30
2-Hexanone	ND	80	83	3.7	103	90	13.5	70 - 130	30
2-Isopropyltoluene	ND	94	87	7.7	102	90	12.5	70 - 130	30
4-Chlorotoluene	ND	89	84	5.8	102	90	12.5	70 - 130	30
4-Methyl-2-pentanone	ND	87	90	3.4	113	98	14.2	70 - 130	30
Acetone	ND	74	81	9.0	102	86	17.0	70 - 130	30
Acrolein	ND	87	93	6.7	83	72	14.2	70 - 130	30
Acrylonitrile	ND	95	102	7.1	117	99	16.7	70 - 130	30
Benzene	ND	90	85	5.7	103	90	13.5	70 - 130	30
Bromobenzene	ND	91	88	3.4	103	92	11.3	70 - 130	30
Bromochloromethane	ND	90	91	1.1	106	93	13.1	70 - 130	30
Bromodichloromethane	ND	89	88	1.1	102	90	12.5	70 - 130	30
Bromoform	ND	93	92	1.1	107	92	15.1	70 - 130	30
Bromomethane	ND	95	91	4.3	33	50	41.0	70 - 130	30

m,r

QA/QC Data

SDG I.D.: GBH20400

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Carbon Disulfide	ND	92	86	6.7	98	88	10.8	70 - 130	30
Carbon tetrachloride	ND	87	82	5.9	97	86	12.0	70 - 130	30
Chlorobenzene	ND	91	86	5.6	104	91	13.3	70 - 130	30
Chloroethane	ND	92	86	6.7	102	91	11.4	70 - 130	30
Chloroform	ND	85	82	3.6	98	88	10.8	70 - 130	30
Chloromethane	ND	92	87	5.6	87	80	8.4	70 - 130	30
cis-1,2-Dichloroethene	ND	87	85	2.3	100	92	8.3	70 - 130	30
cis-1,3-Dichloropropene	ND	92	93	1.1	101	88	13.8	70 - 130	30
Dibromochloromethane	ND	94	95	1.1	108	92	16.0	70 - 130	30
Dibromomethane	ND	90	93	3.3	109	95	13.7	70 - 130	30
Dichlorodifluoromethane	ND	74	71	4.1	91	84	8.0	70 - 130	30
Ethylbenzene	ND	95	87	8.8	105	92	13.2	70 - 130	30
Hexachlorobutadiene	ND	97	89	8.6	97	88	9.7	70 - 130	30
Isopropylbenzene	ND	90	82	9.3	101	89	12.6	70 - 130	30
m&p-Xylene	ND	93	86	7.8	104	92	12.2	70 - 130	30
Methyl ethyl ketone	ND	81	87	7.1	101	93	8.2	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	94	99	5.2	108	94	13.9	70 - 130	30
Methylene chloride	ND	77	77	0.0	91	80	12.9	70 - 130	30
Naphthalene	ND	93	94	1.1	110	96	13.6	70 - 130	30
n-Butylbenzene	ND	89	81	9.4	98	87	11.9	70 - 130	30
n-Propylbenzene	ND	86	79	8.5	102	90	12.5	70 - 130	30
o-Xylene	ND	90	86	4.5	104	91	13.3	70 - 130	30
p-Isopropyltoluene	ND	92	84	9.1	102	89	13.6	70 - 130	30
sec-Butylbenzene	ND	92	84	9.1	100	87	13.9	70 - 130	30
Styrene	ND	91	87	4.5	104	91	13.3	70 - 130	30
tert-Butylbenzene	ND	91	83	9.2	103	90	13.5	70 - 130	30
Tetrachloroethene	ND	95	87	8.8	106	92	14.1	70 - 130	30
Tetrahydrofuran (THF)	ND	84	89	5.8	105	87	18.8	70 - 130	30
Toluene	ND	90	86	4.5	103	90	13.5	70 - 130	30
trans-1,2-Dichloroethene	ND	91	85	6.8	102	90	12.5	70 - 130	30
trans-1,3-Dichloropropene	ND	96	95	1.0	103	90	13.5	70 - 130	30
trans-1,4-dichloro-2-butene	ND	93	95	2.1	73	63	14.7	70 - 130	30 m
Trichloroethene	ND	95	88	7.7	107	93	14.0	70 - 130	30
Trichlorofluoromethane	ND	78	75	3.9	89	81	9.4	70 - 130	30
Trichlorotrifluoroethane	ND	82	76	7.6	88	79	10.8	70 - 130	30
Vinyl chloride	ND	86	83	3.6	93	84	10.2	70 - 130	30
% 1,2-dichlorobenzene-d4	101	98	100	2.0	101	99	2.0	70 - 121	30
% Bromofluorobenzene	97	100	100	0.0	99	99	0.0	59 - 113	30
% Dibromofluoromethane	104	100	104	3.9	101	102	1.0	70 - 130	30
% Toluene-d8	100	98	98	0.0	99	99	0.0	84 - 138	30

Comment:

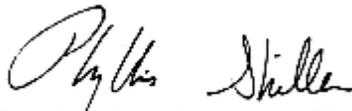
A blank MS/MSD was analyzed with this batch.

m = This parameter is outside laboratory ms/msd specified recovery limits.

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 October 03, 2014

# QA/QC Data

SDG I.D.: GBH20400

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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## Sample Criteria Exceedences Report

Criteria: NY: GW

## GBH20400 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH20400	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	0.79	0.70	0.7	0.7	ug/L
BH20400	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH20400	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH20400	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH20401	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH20401	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH20401	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH20402	\$8260DP25R	Chloroform	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	7	7	ug/L
BH20402	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	1.4	0.7	0.7	ug/L
BH20402	\$8260DP25R	1,1-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Chlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
BH20402	\$8260DP25R	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Acetone	NY / TAGM - Volatile Organics / Groundwater Standards	800	500	50	50	ug/L
BH20402	\$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	6.0	5	5	ug/L
BH20402	\$8260DP25R	trans-1,2-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
BH20402	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.0006	0.0006	ug/L
BH20402	\$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	1	1	ug/L
BH20402	\$8260DP25R	1,1-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BH20402	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BH20402	\$8260DP25R	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Chlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	trans-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	6.0	5	5	ug/L
BH20402	\$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.5	0.5	ug/L
BH20402	\$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.80	0.4	0.4	ug/L
BH20402	\$8260DP25R	Chloromethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Acetone	NY / TOGS - Water Quality / GA Criteria	800	500	50	50	ug/L
BH20402	\$8260DP25R	Chloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.2	0.6	0.6	ug/L
BH20402	\$8260DP25R	Bromomethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	ND	1.4	1	1	ug/L
BH20402	\$8260DP25R	Acrylonitrile	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.80	0.4	0.4	ug/L
BH20402	\$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	1	1	ug/L
BH20402	\$8260DP25R	Chloroform	NY / TOGS - Water Quality / GA Criteria	ND	10	7	7	ug/L

# Sample Criteria Exceedences Report

## GBH20400 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.





**Environmental Laboratories, Inc.**  
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Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

October 03, 2014

SDG I.D.: GBH20400

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The samples in this delivery group were received at 6°C.  
(Note acceptance criteria is above freezing up to 6°C)





Friday, October 10, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
Sample ID#s: BH23122 - BH23123

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 10, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: AIR  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by: RC  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/02/14  
 10/03/14

## Time

13:17  
 16:10

## Laboratory Data

SDG ID: GBH23122  
 Phoenix ID: BH23122

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
 Client ID: SG1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<b><u>Volatiles (TO15)</u></b>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	10/06/14	KCA	TO15 1
1,1,1-Trichloroethane	0.440	0.183	2.40	1.00	10/06/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	10/06/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	10/06/14	KCA	TO15
1,1-Dichloroethane	3.00	0.247	12.1	1.00	10/06/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	10/06/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	10/06/14	KCA	TO15
1,2,4-Trimethylbenzene	2.40	0.204	11.8	1.00	10/06/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	10/06/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	10/06/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	10/06/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	10/06/14	KCA	TO15
1,3,5-Trimethylbenzene	0.870	0.204	4.27	1.00	10/06/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	10/06/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	10/06/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	10/06/14	KCA	TO15 1
4-Ethyltoluene	0.290	0.204	1.42	1.00	10/06/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	10/06/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	10/06/14	KCA	TO15
Acetone	57.1	0.421	136	1.00	10/06/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	10/06/14	KCA	TO15
Benzene	8.84	0.313	28.2	1.00	10/06/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	10/06/14	KCA	TO15

Client ID: SG1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	10/06/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	10/06/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	10/06/14	KCA	TO15
Carbon Disulfide	2.60	0.321	8.09	1.00	10/06/14	KCA	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	10/06/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	10/06/14	KCA	TO15
Chloroethane	0.480	0.379	1.26	1.00	10/06/14	KCA	TO15
Chloroform	2.01	0.205	9.81	1.00	10/06/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	10/06/14	KCA	TO15
Cis-1,2-Dichloroethene	0.360	0.252	1.43	1.00	10/06/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	10/06/14	KCA	TO15
Cyclohexane	1.38	0.291	4.75	1.00	10/06/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	10/06/14	KCA	TO15
Dichlorodifluoromethane	7.94	0.202	39.2	1.00	10/06/14	KCA	TO15
Ethanol	5.44	0.531	10.2	1.00	10/06/14	KCA	TO15
Ethyl acetate	ND	0.278	ND	1.00	10/06/14	KCA	TO15
Ethylbenzene	1.32	0.230	5.73	1.00	10/06/14	KCA	TO15
Heptane	1.35	0.244	5.53	1.00	10/06/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	10/06/14	KCA	TO15
Hexane	4.05	0.284	14.3	1.00	10/06/14	KCA	TO15
Isopropylalcohol	ND	0.407	ND	1.00	10/06/14	KCA	TO15
Isopropylbenzene	0.240	0.204	1.18	1.00	10/06/14	KCA	TO15
m,p-Xylene	4.01	0.230	17.4	1.00	10/06/14	KCA	TO15
Methyl Ethyl Ketone	1.74	0.339	5.13	1.00	10/06/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	10/06/14	KCA	TO15
Methylene Chloride	11.3	0.288	39.2	1.00	10/06/14	KCA	TO15
n-Butylbenzene	0.300	0.182	1.64	1.00	10/06/14	KCA	TO15
o-Xylene	1.84	0.230	7.98	1.00	10/06/14	KCA	TO15
Propylene	14.1	0.581	24.2	1.00	10/06/14	KCA	TO15
sec-Butylbenzene	ND	0.182	ND	1.00	10/06/14	KCA	TO15
Styrene	ND	0.235	ND	1.00	10/06/14	KCA	TO15
Tetrachloroethene	1.52	0.037	10.3	0.25	10/06/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	10/06/14	KCA	TO15
Toluene	5.12	0.266	19.3	1.00	10/06/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	10/06/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	10/06/14	KCA	TO15
Trichloroethene	1.77	0.047	9.50	0.25	10/06/14	KCA	TO15
Trichlorofluoromethane	1.76	0.178	9.88	1.00	10/06/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	10/06/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	10/06/14	KCA	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	113	%	113	%	10/06/14	KCA	TO15

Client ID: SG1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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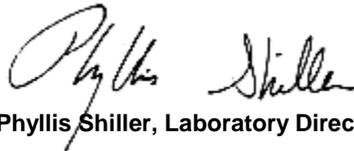
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 10, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 10, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: AIR  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by: RC  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/02/14  
 10/03/14

## Time

13:10  
 16:10

## Laboratory Data

SDG ID: GBH23122  
 Phoenix ID: BH23123

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
 Client ID: SG2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
<b>Volatiles (TO15)</b>								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	10/06/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	10/06/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	10/06/14	KCA	TO15	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	10/06/14	KCA	TO15	
1,1-Dichloroethane	0.440	0.247	1.78	1.00	10/06/14	KCA	TO15	
1,1-Dichloroethene	ND	0.252	ND	1.00	10/06/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	10/06/14	KCA	TO15	
1,2,4-Trimethylbenzene	1.67	0.204	8.20	1.00	10/06/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	10/06/14	KCA	TO15	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15	
1,2-Dichloroethane	ND	0.247	ND	1.00	10/06/14	KCA	TO15	
1,2-dichloropropane	ND	0.216	ND	1.00	10/06/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	10/06/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.640	0.204	3.14	1.00	10/06/14	KCA	TO15	
1,3-Butadiene	ND	0.452	ND	1.00	10/06/14	KCA	TO15	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15	
1,4-Dioxane	ND	0.278	ND	1.00	10/06/14	KCA	TO15	
2-Hexanone(MBK)	ND	0.244	ND	1.00	10/06/14	KCA	TO15	1
4-Ethyltoluene	ND	0.204	ND	1.00	10/06/14	KCA	TO15	1
4-Isopropyltoluene	ND	0.182	ND	1.00	10/06/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	10/06/14	KCA	TO15	
Acetone	ND	0.421	ND	1.00	10/06/14	KCA	TO15	
Acrylonitrile	ND	0.461	ND	1.00	10/06/14	KCA	TO15	
Benzene	2.01	0.313	6.42	1.00	10/06/14	KCA	TO15	
Benzyl chloride	ND	0.193	ND	1.00	10/06/14	KCA	TO15	

Client ID: SG2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	10/06/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	10/06/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	10/06/14	KCA	TO15
Carbon Disulfide	20.3	0.321	63.2	1.00	10/06/14	KCA	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	10/06/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	10/06/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	10/06/14	KCA	TO15
Chloroform	ND	0.205	ND	1.00	10/06/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	10/06/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	10/06/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	10/06/14	KCA	TO15
Cyclohexane	3.49	0.291	12.0	1.00	10/06/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	10/06/14	KCA	TO15
Dichlorodifluoromethane	3.90	0.202	19.3	1.00	10/06/14	KCA	TO15
Ethanol	3.28	0.531	6.18	1.00	10/06/14	KCA	TO15
Ethyl acetate	ND	0.278	ND	1.00	10/06/14	KCA	TO15
Ethylbenzene	0.960	0.230	4.17	1.00	10/06/14	KCA	TO15
Heptane	3.42	0.244	14.0	1.00	10/06/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	10/06/14	KCA	TO15
Hexane	12.8	0.284	45.1	1.00	10/06/14	KCA	TO15
Isopropylalcohol	ND	0.407	ND	1.00	10/06/14	KCA	TO15
Isopropylbenzene	0.840	0.204	4.13	1.00	10/06/14	KCA	TO15
m,p-Xylene	2.61	0.230	11.3	1.00	10/06/14	KCA	TO15
Methyl Ethyl Ketone	1.12	0.339	3.30	1.00	10/06/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	4.38	0.278	15.8	1.00	10/06/14	KCA	TO15
Methylene Chloride	3.12	0.288	10.8	1.00	10/06/14	KCA	TO15
n-Butylbenzene	0.330	0.182	1.81	1.00	10/06/14	KCA	TO15
o-Xylene	1.72	0.230	7.46	1.00	10/06/14	KCA	TO15
Propylene	364	0.581	626	1.00	10/06/14	KCA	TO15
sec-Butylbenzene	0.430	0.182	2.36	1.00	10/06/14	KCA	TO15
Styrene	ND	0.235	ND	1.00	10/06/14	KCA	TO15
Tetrachloroethene	1.50	0.037	10.2	0.25	10/06/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	10/06/14	KCA	TO15
Toluene	3.64	0.266	13.7	1.00	10/06/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	10/06/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	10/06/14	KCA	TO15
Trichloroethene	0.450	0.047	2.42	0.25	10/06/14	KCA	TO15
Trichlorofluoromethane	37.3	0.178	209	1.00	10/06/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	10/06/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	10/06/14	KCA	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	113	%	113	%	10/06/14	KCA	TO15

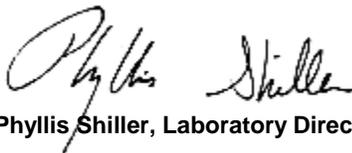
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 10, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# QA/QC Report

October 10, 2014

## QA/QC Data

SDG I.D.: GBH23122

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 288535, QC Sample No: BH22172 (BH23122, BH23123)										
<u>Volatiles</u>										
1,1,1,2-Tetrachloroethane	ND	ND		121					70 - 130	20
1,1,1-Trichloroethane	ND	ND		99					70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND		104					70 - 130	20
1,1,2-Trichloroethane	ND	ND		106					70 - 130	20
1,1-Dichloroethane	ND	ND		89					70 - 130	20
1,1-Dichloroethene	ND	ND		91					70 - 130	20
1,2,4-Trichlorobenzene	ND	ND		127					70 - 130	20
1,2,4-Trimethylbenzene	ND	ND		111					70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND		104					70 - 130	20
1,2-Dichlorobenzene	ND	ND		123					70 - 130	20
1,2-Dichloroethane	ND	ND		95					70 - 130	20
1,2-dichloropropane	ND	ND		101					70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND		106					70 - 130	20
1,3,5-Trimethylbenzene	ND	ND		108					70 - 130	20
1,3-Butadiene	ND	ND		87					70 - 130	20
1,3-Dichlorobenzene	ND	ND		121					70 - 130	20
1,4-Dichlorobenzene	ND	ND		123					70 - 130	20
1,4-Dioxane	ND	ND		100					70 - 130	20
2-Hexanone(MBK)	ND	ND		89					70 - 130	20
4-Ethyltoluene	ND	ND		107					70 - 130	20
4-Isopropyltoluene	ND	ND		110					70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND		92					70 - 130	20
Acetone	ND	ND		89					70 - 130	20
Acrylonitrile	ND	ND		90					70 - 130	20
Benzene	ND	ND		98					70 - 130	20
Benzyl chloride	ND	ND		135					70 - 130	20
Bromodichloromethane	ND	ND		107					70 - 130	20
Bromoform	ND	ND		138					70 - 130	20
Bromomethane	ND	ND		94					70 - 130	20
Carbon Disulfide	ND	ND		89					70 - 130	20
Carbon Tetrachloride	ND	ND		103					70 - 130	20
Chlorobenzene	ND	ND		104					70 - 130	20
Chloroethane	ND	ND		87					70 - 130	20
Chloroform	ND	ND		95					70 - 130	20
Chloromethane	ND	ND		85					70 - 130	20
Cis-1,2-Dichloroethene	ND	ND		94					70 - 130	20
cis-1,3-Dichloropropene	ND	ND		102					70 - 130	20
Cyclohexane	ND	ND		90					70 - 130	20
Dibromochloromethane	ND	ND		121					70 - 130	20
Dichlorodifluoromethane	ND	ND		98					70 - 130	20
Ethanol	ND	ND		83					70 - 130	20

QA/QC Data

SDG I.D.: GBH23122

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	92						70 - 130	20
Ethylbenzene	ND	ND	103						70 - 130	20
Heptane	ND	ND	88						70 - 130	20
Hexachlorobutadiene	ND	ND	102						70 - 130	20
Hexane	ND	ND	89						70 - 130	20
Isopropylalcohol	ND	ND	90						70 - 130	20
Isopropylbenzene	ND	ND	108						70 - 130	20
m,p-Xylene	ND	ND	105						70 - 130	20
Methyl Ethyl Ketone	ND	ND	90						70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	98						70 - 130	20
Methylene Chloride	ND	ND	79						70 - 130	20
n-Butylbenzene	ND	ND	119						70 - 130	20
o-Xylene	ND	ND	101						70 - 130	20
Propylene	ND	ND	86						70 - 130	20
sec-Butylbenzene	ND	ND	107						70 - 130	20
Styrene	ND	ND	105						70 - 130	20
Tetrachloroethene	ND	ND	112						70 - 130	20
Tetrahydrofuran	ND	ND	95						70 - 130	20
Toluene	ND	ND	102						70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	90						70 - 130	20
trans-1,3-Dichloropropene	ND	ND	102						70 - 130	20
Trichloroethene	ND	ND	102						70 - 130	20
Trichlorofluoromethane	ND	ND	96						70 - 130	20
Trichlorotrifluoroethane	ND	ND	98						70 - 130	20
Vinyl Chloride	ND	ND	87						70 - 130	20
% Bromofluorobenzene	107	107	97						70 - 130	20

Comment:

No duplicate could be reported for this Batch.

I = This parameter is outside laboratory lcs/lcsd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCS D - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 October 10, 2014

# Sample Criteria Exceedences Report

## GBH23122 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.





Thursday, October 23, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 771-781 METROPOLITAN AVE  
Sample ID#s: BH29608 - BH29610

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 23, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: AIR  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

10/17/14  
 10/20/14

## Time

12:10  
 17:01

## Laboratory Data

SDG ID: GBH29608  
 Phoenix ID: BH29608

Project ID: 771-781 METROPOLITAN AVE  
 Client ID: SG 4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
<b><u>Volatiles (TO15)</u></b>								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15	1
1,1,1-Trichloroethane	0.220	0.183	1.20	1.00	10/21/14	DD	TO15	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	10/21/14	DD	TO15	
1,1-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15	
1,1-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	10/21/14	DD	TO15	
1,2,4-Trimethylbenzene	1.43	0.204	7.02	1.00	10/21/14	DD	TO15	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	10/21/14	DD	TO15	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,2-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15	
1,2-dichloropropane	ND	0.216	ND	1.00	10/21/14	DD	TO15	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	10/21/14	DD	TO15	
1,3,5-Trimethylbenzene	0.370	0.204	1.82	1.00	10/21/14	DD	TO15	
1,3-Butadiene	ND	0.452	ND	1.00	10/21/14	DD	TO15	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,4-Dioxane	ND	0.278	ND	1.00	10/21/14	DD	TO15	
2-Hexanone(MBK)	ND	0.244	ND	1.00	10/21/14	DD	TO15	1
4-Ethyltoluene	0.300	0.204	1.47	1.00	10/21/14	DD	TO15	1
4-Isopropyltoluene	ND	0.182	ND	1.00	10/21/14	DD	TO15	1
4-Methyl-2-pentanone(MIBK)	0.420	0.244	1.72	1.00	10/21/14	DD	TO15	
Acetone	1.71	0.421	4.06	1.00	10/21/14	DD	TO15	
Acrylonitrile	ND	0.461	ND	1.00	10/21/14	DD	TO15	
Benzene	ND	0.313	ND	1.00	10/21/14	DD	TO15	
Benzyl chloride	ND	0.193	ND	1.00	10/21/14	DD	TO15	

Client ID: SG 4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	10/21/14	DD	TO15
Bromoform	ND	0.097	ND	1.00	10/21/14	DD	TO15
Bromomethane	ND	0.258	ND	1.00	10/21/14	DD	TO15
Carbon Disulfide	ND	0.321	ND	1.00	10/21/14	DD	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	10/21/14	DD	TO15
Chlorobenzene	ND	0.217	ND	1.00	10/21/14	DD	TO15
Chloroethane	ND	0.379	ND	1.00	10/21/14	DD	TO15
Chloroform	ND	0.205	ND	1.00	10/21/14	DD	TO15
Chloromethane	ND	0.484	ND	1.00	10/21/14	DD	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Cyclohexane	ND	0.291	ND	1.00	10/21/14	DD	TO15
Dibromochloromethane	ND	0.117	ND	1.00	10/21/14	DD	TO15
Dichlorodifluoromethane	0.480	0.202	2.37	1.00	10/21/14	DD	TO15
Ethanol	7.51	0.531	14.1	1.00	10/21/14	DD	TO15 1
Ethyl acetate	0.310	0.278	1.12	1.00	10/21/14	DD	TO15 1
Ethylbenzene	0.580	0.230	2.52	1.00	10/21/14	DD	TO15
Heptane	0.330	0.244	1.35	1.00	10/21/14	DD	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	10/21/14	DD	TO15
Hexane	0.370	0.284	1.30	1.00	10/21/14	DD	TO15
Isopropylalcohol	ND	0.407	ND	1.00	10/21/14	DD	TO15
Isopropylbenzene	ND	0.204	ND	1.00	10/21/14	DD	TO15
m,p-Xylene	2.16	0.230	9.37	1.00	10/21/14	DD	TO15
Methyl Ethyl Ketone	0.570	0.339	1.68	1.00	10/21/14	DD	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	10/21/14	DD	TO15
Methylene Chloride	0.420	0.288	1.46	1.00	10/21/14	DD	TO15
n-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15 1
o-Xylene	1.00	0.230	4.34	1.00	10/21/14	DD	TO15
Propylene	ND	0.581	ND	1.00	10/21/14	DD	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15 1
Styrene	ND	0.235	ND	1.00	10/21/14	DD	TO15
Tetrachloroethene	0.420	0.037	2.85	0.25	10/21/14	DD	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	10/21/14	DD	TO15 1
Toluene	0.990	0.266	3.73	1.00	10/21/14	DD	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Trichloroethene	ND	0.047	ND	0.25	10/21/14	DD	TO15
Trichlorofluoromethane	0.300	0.178	1.68	1.00	10/21/14	DD	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	10/21/14	DD	TO15
Vinyl Chloride	ND	0.098	ND	0.25	10/21/14	DD	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	105	%	105	%	10/21/14	DD	TO15

Client ID: SG 4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

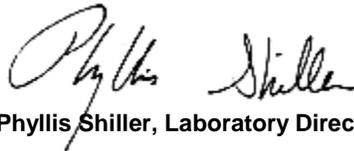
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**October 23, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 23, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: AIR  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

10/17/14  
 10/20/14

## Time

12:29  
 17:01

## Laboratory Data

SDG ID: GBH29608  
 Phoenix ID: BH29609

Project ID: 771-781 METROPOLITAN AVE  
 Client ID: SG 5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<b>Volatiles (TO15)</b>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15
1,1,1-Trichloroethane	0.200	0.183	1.09	1.00	10/21/14	DD	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	10/21/14	DD	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	10/21/14	DD	TO15
1,2,4-Trimethylbenzene	1.20	0.204	5.90	1.00	10/21/14	DD	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	10/21/14	DD	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	10/21/14	DD	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	10/21/14	DD	TO15
1,3,5-Trimethylbenzene	0.340	0.204	1.67	1.00	10/21/14	DD	TO15
1,3-Butadiene	ND	0.452	ND	1.00	10/21/14	DD	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15
1,4-Dioxane	ND	0.278	ND	1.00	10/21/14	DD	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	10/21/14	DD	TO15
4-Ethyltoluene	0.300	0.204	1.47	1.00	10/21/14	DD	TO15
4-Isopropyltoluene	ND	0.182	ND	1.00	10/21/14	DD	TO15
4-Methyl-2-pentanone(MIBK)	0.610	0.244	2.50	1.00	10/21/14	DD	TO15
Acetone	2.06	0.421	4.89	1.00	10/21/14	DD	TO15
Acrylonitrile	ND	0.461	ND	1.00	10/21/14	DD	TO15
Benzene	ND	0.313	ND	1.00	10/21/14	DD	TO15
Benzyl chloride	ND	0.193	ND	1.00	10/21/14	DD	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	10/21/14	DD	TO15
Bromoform	ND	0.097	ND	1.00	10/21/14	DD	TO15
Bromomethane	ND	0.258	ND	1.00	10/21/14	DD	TO15
Carbon Disulfide	3.09	0.321	9.62	1.00	10/21/14	DD	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	10/21/14	DD	TO15
Chlorobenzene	ND	0.217	ND	1.00	10/21/14	DD	TO15
Chloroethane	ND	0.379	ND	1.00	10/21/14	DD	TO15
Chloroform	ND	0.205	ND	1.00	10/21/14	DD	TO15
Chloromethane	ND	0.484	ND	1.00	10/21/14	DD	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Cyclohexane	ND	0.291	ND	1.00	10/21/14	DD	TO15
Dibromochloromethane	ND	0.117	ND	1.00	10/21/14	DD	TO15
Dichlorodifluoromethane	10.3	0.202	50.9	1.00	10/21/14	DD	TO15
Ethanol	9.21	0.531	17.3	1.00	10/21/14	DD	TO15 1
Ethyl acetate	0.570	0.278	2.05	1.00	10/21/14	DD	TO15 1
Ethylbenzene	0.600	0.230	2.60	1.00	10/21/14	DD	TO15
Heptane	2.22	0.244	9.09	1.00	10/21/14	DD	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	10/21/14	DD	TO15
Hexane	0.630	0.284	2.22	1.00	10/21/14	DD	TO15
Isopropylalcohol	ND	0.407	ND	1.00	10/21/14	DD	TO15
Isopropylbenzene	ND	0.204	ND	1.00	10/21/14	DD	TO15
m,p-Xylene	2.19	0.230	9.50	1.00	10/21/14	DD	TO15
Methyl Ethyl Ketone	0.450	0.339	1.33	1.00	10/21/14	DD	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	10/21/14	DD	TO15
Methylene Chloride	0.370	0.288	1.28	1.00	10/21/14	DD	TO15
n-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15 1
o-Xylene	1.02	0.230	4.43	1.00	10/21/14	DD	TO15
Propylene	1.86	0.581	3.20	1.00	10/21/14	DD	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15 1
Styrene	ND	0.235	ND	1.00	10/21/14	DD	TO15
Tetrachloroethene	0.270	0.037	1.83	0.25	10/21/14	DD	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	10/21/14	DD	TO15 1
Toluene	0.910	0.266	3.43	1.00	10/21/14	DD	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Trichloroethene	ND	0.047	ND	0.25	10/21/14	DD	TO15
Trichlorofluoromethane	2.43	0.178	13.6	1.00	10/21/14	DD	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	10/21/14	DD	TO15
Vinyl Chloride	ND	0.098	ND	0.25	10/21/14	DD	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	106	%	106	%	10/21/14	DD	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

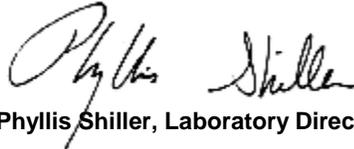
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**October 23, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 23, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: AIR  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date Time  
 10/17/14 12:07  
 10/20/14 17:01

## Laboratory Data

SDG ID: GBH29608  
 Phoenix ID: BH29610

Project ID: 771-781 METROPOLITAN AVE  
 Client ID: SG 6

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<b>Volatiles (TO15)</b>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15
1,1,1-Trichloroethane	0.270	0.183	1.47	1.00	10/21/14	DD	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	10/21/14	DD	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	10/21/14	DD	TO15
1,2,4-Trimethylbenzene	1.28	0.204	6.29	1.00	10/21/14	DD	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	10/21/14	DD	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	10/21/14	DD	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	10/21/14	DD	TO15
1,3,5-Trimethylbenzene	0.340	0.204	1.67	1.00	10/21/14	DD	TO15
1,3-Butadiene	ND	0.452	ND	1.00	10/21/14	DD	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15
1,4-Dioxane	ND	0.278	ND	1.00	10/21/14	DD	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	10/21/14	DD	TO15
4-Ethyltoluene	0.270	0.204	1.33	1.00	10/21/14	DD	TO15
4-Isopropyltoluene	ND	0.182	ND	1.00	10/21/14	DD	TO15
4-Methyl-2-pentanone(MIBK)	0.570	0.244	2.33	1.00	10/21/14	DD	TO15
Acetone	2.14	0.421	5.08	1.00	10/21/14	DD	TO15
Acrylonitrile	ND	0.461	ND	1.00	10/21/14	DD	TO15
Benzene	ND	0.313	ND	1.00	10/21/14	DD	TO15
Benzyl chloride	ND	0.193	ND	1.00	10/21/14	DD	TO15

Client ID: SG 6

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	10/21/14	DD	TO15
Bromoform	ND	0.097	ND	1.00	10/21/14	DD	TO15
Bromomethane	ND	0.258	ND	1.00	10/21/14	DD	TO15
Carbon Disulfide	ND	0.321	ND	1.00	10/21/14	DD	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	10/21/14	DD	TO15
Chlorobenzene	ND	0.217	ND	1.00	10/21/14	DD	TO15
Chloroethane	ND	0.379	ND	1.00	10/21/14	DD	TO15
Chloroform	0.260	0.205	1.27	1.00	10/21/14	DD	TO15
Chloromethane	ND	0.484	ND	1.00	10/21/14	DD	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Cyclohexane	ND	0.291	ND	1.00	10/21/14	DD	TO15
Dibromochloromethane	ND	0.117	ND	1.00	10/21/14	DD	TO15
Dichlorodifluoromethane	2.67	0.202	13.2	1.00	10/21/14	DD	TO15
Ethanol	8.63	0.531	16.2	1.00	10/21/14	DD	TO15 1
Ethyl acetate	0.630	0.278	2.27	1.00	10/21/14	DD	TO15 1
Ethylbenzene	0.460	0.230	2.00	1.00	10/21/14	DD	TO15
Heptane	ND	0.244	ND	1.00	10/21/14	DD	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	10/21/14	DD	TO15
Hexane	1.09	0.284	3.84	1.00	10/21/14	DD	TO15
Isopropylalcohol	ND	0.407	ND	1.00	10/21/14	DD	TO15
Isopropylbenzene	ND	0.204	ND	1.00	10/21/14	DD	TO15
m,p-Xylene	1.97	0.230	8.55	1.00	10/21/14	DD	TO15
Methyl Ethyl Ketone	0.680	0.339	2.00	1.00	10/21/14	DD	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	10/21/14	DD	TO15
Methylene Chloride	1.19	0.288	4.13	1.00	10/21/14	DD	TO15
n-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15 1
o-Xylene	0.950	0.230	4.12	1.00	10/21/14	DD	TO15
Propylene	ND	0.581	ND	1.00	10/21/14	DD	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15 1
Styrene	ND	0.235	ND	1.00	10/21/14	DD	TO15
Tetrachloroethene	6.33	0.037	42.9	0.25	10/21/14	DD	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	10/21/14	DD	TO15 1
Toluene	0.690	0.266	2.60	1.00	10/21/14	DD	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Trichloroethene	ND	0.047	ND	0.25	10/21/14	DD	TO15
Trichlorofluoromethane	4.87	0.178	27.3	1.00	10/21/14	DD	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	10/21/14	DD	TO15
Vinyl Chloride	ND	0.098	ND	0.25	10/21/14	DD	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	103	%	103	%	10/21/14	DD	TO15

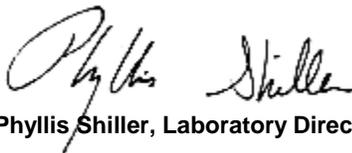
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 23, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# QA/QC Report

October 23, 2014

## QA/QC Data

SDG I.D.: GBH29608

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 289982, QC Sample No: BH29609 (BH29608, BH29609, BH29610)										
<b>Volatiles</b>										
1,1,1,2-Tetrachloroethane	ND	ND	136	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	111	1.09	1.25	0.200	0.230	14.0	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	128	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	118	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	114	5.90	6.24	1.20	1.27	5.7	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	123	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	108	1.67	1.72	0.340	0.350	2.9	70 - 130	20
1,3-Butadiene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	125	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	119	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	110	1.47	1.13	0.300	0.230	26.4	70 - 130	20
4-Isopropyltoluene	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	105	2.50	2.54	0.610	0.620	1.6	70 - 130	20
Acetone	ND	ND	102	4.89	4.77	2.06	2.01	2.5	70 - 130	20
Acrylonitrile	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Benzyl chloride	ND	ND	>140	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	>140	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	92	9.62	9.34	3.09	3.00	3.0	70 - 130	20
Carbon Tetrachloride	ND	ND	120	ND	ND	ND	ND	NC	70 - 130	20
Chlorobenzene	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	ND	89	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	ND	129	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	95	50.9	56.8	10.3	11.5	11.0	70 - 130	20
Ethanol	ND	ND	96	17.3	18.0	9.21	9.59	4.0	70 - 130	20

## QA/QC Data

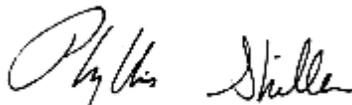
SDG I.D.: GBH29608

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	115	2.05	2.02	0.570	0.560	1.8	70 - 130	20
Ethylbenzene	ND	ND	112	2.60	2.60	0.600	0.600	0.0	70 - 130	20
Heptane	ND	ND	104	9.09	8.97	2.22	2.19	1.4	70 - 130	20
Hexachlorobutadiene	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	99	2.22	1.27	0.630	0.360	54.5	70 - 130	20
Isopropylalcohol	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Isopropylbenzene	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	115	9.50	9.68	2.19	2.23	1.8	70 - 130	20
Methyl Ethyl Ketone	ND	ND	108	1.33	1.24	0.450	0.420	6.9	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	123	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	120	1.28	1.22	0.370	0.350	5.6	70 - 130	20
n-Butylbenzene	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	109	4.43	4.60	1.02	1.06	3.8	70 - 130	20
Propylene	ND	ND	91	3.20	3.08	1.86	1.79	3.8	70 - 130	20
sec-Butylbenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	116	1.83	2.24	0.270	0.330	20.0	70 - 130	20
Tetrahydrofuran	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	112	3.43	3.43	0.910	0.910	0.0	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	>140	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	120	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	96	13.6	14.1	2.43	2.51	3.2	70 - 130	20
Trichlorotrifluoroethane	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	103	103	103	106	107	106	107	0.9	70 - 130	20

I = This parameter is outside laboratory lcs/lcsd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCS D - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 October 23, 2014

# Sample Criteria Exceedences Report

## GBH29608 - EBC

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----------------	-------------------

---

\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD

AIR ANALYSES

800-827-5426

email: [greg@phoenixlabs.com](mailto:greg@phoenixlabs.com)

P.O. #

Page 1 of 1

Data Delivery:

Fax #:

Email: *File*

Phone #: *1631504-6000*

Report to: *Charles Sosik*  
 Customer: *EBC*  
 Address: *1808 Middle Country Rd*  
*Ridge NY 11961*

Invoice to: *EBC*  
 Project Name: *771-781 Metropolitan Ave, Brooklyn, NY*  
 Requested Deliverable: RCP  ASP CAT B   
 MCP  NJ Deliverables   
 State where samples collected: *NY*

Sampled by: *Reuben Levinson & Kevin Waters*  
 Ambient/Indoor Air MATRIX

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	ANALYSES	
													Soil Gas	Grab (G) Composite (C)
291008	SG-4	479	6.0	-3.0	0	5039V42		10/24/10	12:10	10-17-10	-30+	-4.8	X	X
291009	SG-5	492			0	5356V1		10/26/10	12:29		-30+	-8.0	X	X
291010	SG-6	218			-3	4954V1		10/26/10	12:07		-30+	-5.5	X	X
	not used	457				5710V1								
	6L 2HR													

Relinquished by: *[Signature]* Date: *10/26/10*  
 Accepted by: *[Signature]* Date: *12/3/10*  
 Data Format:  Excel  Equis  GISKey   
 PDF  Other

SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:  
*no black nipples on SUMA cans*

Requested Criteria: *10-20-14*  
*11-01*

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.

Quote Number: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**ATTACHMENT B**  
**SOIL BORING LOGS**





L



L

Location: Performed on the northeast side of site behind the existing building.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: AAR1403	Address: 781 Metropolitan Avenue, Brooklyn, NY	Date	DTW
		Groundwater depth	
Drilling Company: C <sup>2</sup> Environmental	Method: Geoprobe	Not Detected	
Date Started: 9/11/2014	Date Completed: 9/11/2014	Well Specifications	
Completion Depth: 15 Feet	Geologist Reuben Levinton	None	

B3 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	30		5 to 10	1"- Cement rock 7"- Cement dust with wood on bottom 1"- Sand with rock 21"- Brown/black silty sand with gray clay bottom
	5				<i>*Retained soil sample B3(0-2)</i>
	to	28		0 to 5	7"- Brown/gray silty clay 4"- Gray clay 17"- Brown/orange silty sand w/ brick and rock
	10				
	to	43		0.0	28"- Brown sand w/ rock at top, moist 1"- Gray clay 8"- Brown sand with rocks 6"- Brown/gray silty clay <i>*Retained soil sample B3(12-14')</i>
	15				



L

L

Location: Performed on the south side of the Site, closer to Metropolitan Avenue, west of B1.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: AAR1403	Address: 771 Metropolitan Avenue, Brooklyn, NY	Date	DTW
Drilling Company: C <sup>2</sup> Environmental		Groundwater depth	
Date Started: 9/15/2014	Method: Geoprobe	Not Detected	
Completion Depth: 10 Feet	Date Completed: 9/15/2014	Well Specifications	
	Geologist Reuben Levinton	None	

B4 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	28		0.0	5"- Cement rock and dust 7"- Light brown silty sand 16"- Dark brown silty sand with rocks
	4				<i>*Retained soil sample B4(0-2)</i>
	to	35		0.0	35"- Brown silty sand
	8				
	to	16		0.0	16"- Brown/orange sand w/ small rocks <i>*Refusal hit at 10'</i>
	10				<i>*Retained soil sample B4(8-10)</i>



L

L

Location: Performed north of B4 towards the center of Site.		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: AAR1403		Address: 771 Metropolitan Ave, Brooklyn, NY		Date	DTW
Drilling Company: C <sup>2</sup> Environmental		Method: Geoprobe		Groundwater depth	
Date Started: 9/15/2014		Date Completed: 9/15/2014		Not Detected	
Completion Depth: 10 Feet		Geologist: Reuben Levinton		Well Specifications	
None					

B5 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	24		0.0	4"- Cement dust 2"- Brown/black gravelly sand 3"- Brown/gray silt 2"- Dark brown sand w/ rock 2"- Black/white gravelly sand w/ rock and glass 3"- Brown silty sand 5"- Black silty sand 2"- Brown silty sand 1"- Black silty sand <i>*Retained soil sample B5(0-2')</i>
	4				
	to	23		0.0	16"- Brown silty sand 7"- Brown/gray silt
	8				
	to	13		0.0	13"- Brown/red sand with rocks <i>*Refusal hit 10'</i>
	10				
					<i>*Retained soil sample B5(8-10')</i>



L

L

Location: Performed in the northwest corner of the Site.		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: AAR 1403		Address: 771 Metropolitan Avenue, Brooklyn, NY		Date	DTW
Drilling Company: C <sup>2</sup> Environmental		Method: Geoprobe		Groundwater depth	
Date Started: 9/15/2014		Date Completed: 9/15/2014		Not Detected	
Completion Depth: 15 Feet		Geologist: Reuben Levinton		Well Specifications	
None					

B6 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	20		0.0	6"- Cement dust and rock 8"- brown silty sand with rocks 1"- Wood 5"- Brown/black silty sand <i>*Retained soil sample B6(0-2)</i>
	4				
	to	31		0.0	3"- Brown silty sand 5"- Brick 10"- Brown sand with rock 8"- Brown /gray silty, moist
	8				
	to	42		0.0	9"- Brown silt, moist 15"- Brown silty sand, dry 1"- Gray clay 17"- Brown silty sand with rocks near bottom
	12				
	to	24		0.0	13"- Brown/red sand 1"- Clay 10"- Brown silty sand <i>*Retained soil sample B6(12-14)</i>
	14				

L



L

Location: Performed behind the existing building on site and north of B1.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: AAR1403	Address: 781 Metropolitan Avenue, Brooklyn, NY	Date	DTW
Drilling Company: C <sup>2</sup> Environmental		Groundwater depth	
Date Started: 10/10/2014	Date Completed: 10/10/2014	Not Detected	
Completion Depth: 16 Feet	Geologist Reuben Levinton	Well Specifications	
None			

B7 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	23		1.0	3"- Cement dust and rock 20"- Brown silty sand with brick at bottom 3"- Dark brown silty sand
	4				<i>*Retained soil sample B7(0-2)</i>
	to	15		0.0	15"- Brown silty sand, moist
	8				
	to	18		5 to 10	18"- Brown silty sand, moist
	12				<i>*Retained soil sample B7(8-10)</i>
	to	26		0.0	10"- Brown silty sand 7"- Brown silt 9"- Gray clay
	16				<i>*Retained soil sample B7(12-14')</i>







L

L

Location: Performed to the east of B5, near the boarder of the two Sites.		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: AAR1403		Address: 771 Metropolitan Avenue, Brooklyn, NY		Date	DTW
Drilling Company: C <sup>2</sup> Environmental		Method: Geoprobe		Groundwater depth	
Date Started: 10/10/2014		Date Completed: 10/10/2014		Not Detected	
Completion Depth: 8 Feet		Geologist: Reuben Levinton		Well Specifications	
None					

B10 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	10		0.0	2"- Rock 8"- Brown silty sand
	4				<i>*Retained soil sample B10(0-2') &amp; B10(2-4')</i>
	to	6		0.0	6"- Brown silty sand
	8				<i>*Retained soil sample B10(4-6')</i>



**ATTACHMENT C**  
**GROUNDWATER SAMPLING LOGS**

**ATTACHMENT D**  
**SOIL GAS SAMPLING LOGS**



587 East Middle Turnpike, P.O. Box 270, Manchester, CT 06040  
 Telephone: 860.645.1102 • Fax: 860.645.0823

**CHAIN OF CUSTODY RECORD**  
**AIR ANALYSES**

800-827-5426  
 email: [greg@phoenixlabs.com](mailto:greg@phoenixlabs.com)

P.O. #

Page 1 of 1

Data Delivery:

Fax #:

Email: *File*

Phone #: *1631/504-6000*

Report to: *Charles Sosik*  
 Customer: *EBC*  
 Address: *1808 Middle Country Rd*  
*Ridge NY 11961*

Invoice to: *EBC*  
 Project Name: *771-781 Metropolitan Ave, Brooklyn, NY*  
 Requested Deliverable: RCP  ASP CAT B   
 MCP  NJ Deliverables   
 State where samples collected: *NY*

Sampled by: *Reuben Levinson & Kevin Waters*  
 Ambient/Indoor Air MATRIX

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	ANALYSES	
													Soil Gas	Grab (G) Composite (C)
291008	SG-4	479	6.0	-3.0	0	5039V42		10/24/10	12/10	10-1744	-30+	-4.8	X	X
291009	SG-5	492			0	5356V1		10/26	12/29		-30+	-8.0	X	X
291010	SG-6	218			-3	4954V1		10/26	12/07		-30+	-5.5	X	X
	not used	457				5710V1								
	6L 2HR													

Relinquished by: *[Signature]*  
 Date: *10/26/10*  
 Accepted by: *[Signature]*  
 Date: *10/26/10*  
 Data Format:  Excel  Equis  GISKey   
 PDF  Other

SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:  
*no black nipples on SUMA cans*  
 Requested Criteria  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Quote Number: \_\_\_\_\_  
 I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Telephone: 860.645.1102 • Fax: 860.645.0823

**CHAIN OF CUSTODY RECORD**  
**AIR ANALYSES**

800-827-5426

email: greg@phoenixlabs.com

P.O. # \_\_\_\_\_ Page \_\_\_\_\_ of \_\_\_\_\_

Data Delivery:  Fax #: \_\_\_\_\_  Email: File  Phone #: \_\_\_\_\_

Report to: kuon waters

Customer: EBC

Address: \_\_\_\_\_

Invoice to: EBC

Sampled by: RC

Project Name: 701 Metropolitan Hwy Ave Breakers Hwy

Requested Deliverable:  RCP  ASP CAT B  MCP  NJ Deliverables

State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	MATRIX				
													Soil Gas	Ambient/Indoor Air	Grab (G) Composite (C)	TO-14	TO-15
	<u>not used</u>	<u>478</u>	<u>6.0-30</u>				<u>4990</u>										
	<u>not used</u>	<u>365</u>	<u>6.0-30</u>				<u>5041</u>										
<u>23122</u>	<u>not used 562</u>	<u>13640</u>	<u>6.0-30</u>				<u>4982</u>	<u>11:39</u>	<u>11:11</u>	<u>10/2/14</u>	<u>-30</u>	<u>-30</u>	<u>30</u>				
<u>23123</u>	<u>561</u>	<u>368</u>	<u>6.0-30</u>	<u>-10</u>			<u>5356</u>	<u>11:19</u>	<u>11:17</u>		<u>-29.7</u>	<u>-12.5</u>	<u>30</u>				
	<u>562</u>	<u>490</u>	<u>6.0-30</u>	<u>-5</u>			<u>5654</u>	<u>11:28</u>	<u>11:10</u>		<u>-30</u>	<u>-7.9</u>	<u>30</u>				
	<u>6L 2hr</u>																

Relinquished by: [Signature] Date: 10-3-14 Time: 11:45  
 Accepted by: [Signature] Date: 10-3-14 Time: 11:45  
 Data Format:  Excel  Equis  GISKey   
 PDF  Other: \_\_\_\_\_

SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION: \_\_\_\_\_  
 Requested Criteria: \_\_\_\_\_  
 Quote Number: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.

**ATTACHMENT E**  
**LABORATORY REPORTS IN DIGITAL**  
**FORMAT**



Monday, October 20, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
Sample ID#s: BH26606 - BH26612

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

October 20, 2014

SDG I.D.: GBH26606

---

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26606

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B5 0-2 FT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Lead	3980	78	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	5.01	0.10	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed			10/14/14	I/I	SW3005
Percent Solid	89		%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed			10/13/14	I	EPA 1311
Total Metals Digest	Completed			10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
 This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26607

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B5 2-4 FT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Lead	1770	70	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.73	0.10	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed			10/14/14	I/I	SW3005
Percent Solid	91		%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed			10/13/14	I	EPA 1311
Total Metals Digest	Completed			10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
 This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**  
**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26608

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B5 4-6 FT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Lead	145	6.9	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	< 0.10	0.10	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed			10/14/14	I/I	SW3005
Percent Solid	90		%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed			10/13/14	I	EPA 1311
Total Metals Digest	Completed			10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
 This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/10/14  
 10/13/14

## Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26609

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B5 8-10 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36		mg/Kg	10/15/14	EK	SW6010
Aluminum	13100	36		mg/Kg	10/15/14	EK	SW6010
Arsenic	1.8	0.7		mg/Kg	10/15/14	EK	SW6010
Barium	49.3	0.7		mg/Kg	10/15/14	LK	SW6010
Beryllium	0.40	0.28		mg/Kg	10/15/14	EK	SW6010
Calcium	1410	3.6		mg/Kg	10/15/14	EK	SW6010
Cadmium	< 0.36	0.36		mg/Kg	10/15/14	EK	SW6010
Cobalt	8.40	0.36		mg/Kg	10/15/14	EK	SW6010
Chromium	24.7	0.36		mg/Kg	10/15/14	EK	SW6010
Copper	15.8	0.36		mg/kg	10/15/14	EK	SW6010
Iron	20900	36		mg/Kg	10/15/14	EK	SW6010
Mercury	< 0.08	0.08		mg/Kg	10/14/14	RS	SW-7471
Potassium	1630	7		mg/Kg	10/15/14	EK	SW6010
Magnesium	2830	3.6		mg/Kg	10/15/14	EK	SW6010
Manganese	519	3.6		mg/Kg	10/15/14	LK	SW6010
Sodium	208	7		mg/Kg	10/15/14	EK	SW6010
Nickel	11.8	0.36		mg/Kg	10/15/14	EK	SW6010
Lead	7.4	0.7		mg/Kg	10/15/14	EK	SW6010
Antimony	< 2.5	2.5		mg/Kg	10/15/14	EK	SW6010
Selenium	< 1.4	1.4		mg/Kg	10/15/14	EK	SW6010
Thallium	< 1.4	1.4		mg/Kg	10/15/14	EK	SW6010
Vanadium	35.5	0.4		mg/Kg	10/15/14	EK	SW6010
Zinc	37.2	0.7		mg/Kg	10/15/14	EK	SW6010
Percent Solid	89			%	10/13/14	I	E160.3
Soil Extraction for PCB	Completed				10/13/14	CB	SW3545
Soil Extraction for Pesticide	Completed				10/13/14	CB/H	SW3545
Soil Extraction for SVOA	Completed				10/13/14	CJ/VH	SW3545
Mercury Digestion	Completed				10/14/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050
Field Extraction	Completed				10/10/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	93			%	10/14/14	AW	30 - 150 %
% TCMX	89			%	10/14/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.2	2.2	ug/Kg	10/14/14	CE	SW8081
4,4' -DDE	ND	2.2	2.2	ug/Kg	10/14/14	CE	SW8081
4,4' -DDT	ND	2.2	2.2	ug/Kg	10/14/14	CE	SW8081
a-BHC	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	10/14/14	CE	SW8081
Aldrin	ND	3.7	3.7	ug/Kg	10/14/14	CE	SW8081
b-BHC	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	10/14/14	CE	SW8081
d-BHC	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Dieldrin	ND	3.7	3.7	ug/Kg	10/14/14	CE	SW8081
Endosulfan I	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Endosulfan II	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Endrin	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Endrin aldehyde	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Endrin ketone	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
g-BHC	ND	1.5	1.5	ug/Kg	10/14/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	10/14/14	CE	SW8081
Heptachlor	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Methoxychlor	ND	37	37	ug/Kg	10/14/14	CE	SW8081
Toxaphene	ND	150	150	ug/Kg	10/14/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	104			%	10/14/14	CE	SW8081
% TCMX	100			%	10/14/14	CE	SW8081
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	6.5	1.1	ug/Kg	10/14/14	JLI	SW8260
1,1,1-Trichloroethane	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	6.5	0.92	ug/Kg	10/14/14	JLI	SW8260
1,1,2-Trichloroethane	ND	6.5	0.63	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloroethane	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloropropene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichloropropane	ND	6.5	0.92	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	6.5	0.93	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	6.5	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromoethane	ND	6.5	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichlorobenzene	ND	6.5	0.71	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloroethane	ND	6.5	0.57	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloropropane	ND	6.5	0.92	ug/Kg	10/14/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	6.5	0.85	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichlorobenzene	ND	6.5	0.96	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichloropropane	ND	6.5	0.68	ug/Kg	10/14/14	JLI	SW8260
1,4-Dichlorobenzene	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
2,2-Dichloropropane	ND	6.5	1.1	ug/Kg	10/14/14	JLI	SW8260
2-Chlorotoluene	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
2-Hexanone	ND	32	2.9	ug/Kg	10/14/14	JLI	SW8260
2-Isopropyltoluene	ND	6.5	0.89	ug/Kg	10/14/14	JLI	SW8260
4-Chlorotoluene	ND	6.5	0.75	ug/Kg	10/14/14	JLI	SW8260
4-Methyl-2-pentanone	ND	32	1.5	ug/Kg	10/14/14	JLI	SW8260
Acetone	ND	50	6.4	ug/Kg	10/14/14	JLI	SW8260
Acrylonitrile	ND	13	3.6	ug/Kg	10/14/14	JLI	SW8260
Benzene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
Bromobenzene	ND	6.5	0.84	ug/Kg	10/14/14	JLI	SW8260
Bromochloromethane	ND	6.5	0.94	ug/Kg	10/14/14	JLI	SW8260
Bromodichloromethane	ND	6.5	0.80	ug/Kg	10/14/14	JLI	SW8260
Bromoform	ND	6.5	0.90	ug/Kg	10/14/14	JLI	SW8260
Bromomethane	ND	6.5	5.0	ug/Kg	10/14/14	JLI	SW8260
Carbon Disulfide	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
Carbon tetrachloride	ND	6.5	0.75	ug/Kg	10/14/14	JLI	SW8260
Chlorobenzene	ND	6.5	0.96	ug/Kg	10/14/14	JLI	SW8260
Chloroethane	ND	6.5	1.5	ug/Kg	10/14/14	JLI	SW8260
Chloroform	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260
Chloromethane	ND	6.5	3.4	ug/Kg	10/14/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	6.5	0.70	ug/Kg	10/14/14	JLI	SW8260
Dibromochloromethane	ND	5.0	0.72	ug/Kg	10/14/14	JLI	SW8260
Dibromomethane	ND	6.5	0.81	ug/Kg	10/14/14	JLI	SW8260
Dichlorodifluoromethane	ND	6.5	1.7	ug/Kg	10/14/14	JLI	SW8260
Ethylbenzene	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260
Hexachlorobutadiene	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
Isopropylbenzene	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260
m&p-Xylene	ND	6.5	2.5	ug/Kg	10/14/14	JLI	SW8260
Methyl Ethyl Ketone	ND	39	5.6	ug/Kg	10/14/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	13	1.8	ug/Kg	10/14/14	JLI	SW8260
Methylene chloride	ND	6.5	1.1	ug/Kg	10/14/14	JLI	SW8260
Naphthalene	ND	6.5	1.7	ug/Kg	10/14/14	JLI	SW8260
n-Butylbenzene	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260
o-Xylene	ND	6.5	2.5	ug/Kg	10/14/14	JLI	SW8260
p-Isopropyltoluene	ND	6.5	0.93	ug/Kg	10/14/14	JLI	SW8260
sec-Butylbenzene	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260
Styrene	ND	6.5	1.9	ug/Kg	10/14/14	JLI	SW8260
tert-Butylbenzene	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
Tetrachloroethene	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	13	5.8	ug/Kg	10/14/14	JLI	SW8260
Toluene	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	13	12	ug/Kg	10/14/14	JLI	SW8260
Trichloroethene	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
Trichlorofluoromethane	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
Trichlorotrifluoroethane	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
Vinyl chloride	ND	6.5	2.1	ug/Kg	10/14/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	98			%	10/14/14	JLI	70 - 130 %
% Bromofluorobenzene	96			%	10/14/14	JLI	70 - 130 %
% Dibromofluoromethane	101			%	10/14/14	JLI	70 - 130 %
% Toluene-d8	94			%	10/14/14	JLI	70 - 130 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
1,2-Dichlorobenzene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	10/14/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
2,4-Dimethylphenol	ND	260	93	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrophenol	ND	1600	260	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	10/14/14	DD	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	10/14/14	DD	SW 8270
2-Nitroaniline	ND	1600	380	ug/Kg	10/14/14	DD	SW 8270
2-Nitrophenol	ND	260	240	ug/Kg	10/14/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	10/14/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	10/14/14	DD	SW 8270
3-Nitroaniline	ND	1600	810	ug/Kg	10/14/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	10/14/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
4-Chloroaniline	ND	330	170	ug/Kg	10/14/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	10/14/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	10/14/14	DD	SW 8270
4-Nitrophenol	ND	1600	170	ug/Kg	10/14/14	DD	SW 8270
Acenaphthene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Acetophenone	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Aniline	ND	1900	760	ug/Kg	10/14/14	DD	SW 8270
Anthracene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Benz(a)anthracene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
Benzidine	ND	750	220	ug/Kg	10/14/14	DD	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Benzo(k)fluoranthene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Benzoic acid	ND	1900	750	ug/Kg	10/14/14	DD	SW 8270
Benzyl butyl phthalate	ND	260	97	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Carbazole	ND	1900	280	ug/Kg	10/14/14	DD	SW 8270
Chrysene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Dimethylphthalate	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Di-n-butylphthalate	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Di-n-octylphthalate	ND	260	97	ug/Kg	10/14/14	DD	SW 8270
Fluoranthene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Fluorene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobutadiene	ND	260	140	ug/Kg	10/14/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Isophorone	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Naphthalene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodimethylamine	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	10/14/14	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	10/14/14	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	10/14/14	DD	SW 8270
Phenanthrene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Phenol	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Pyrene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
Pyridine	ND	260	92	ug/Kg	10/14/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	85			%	10/14/14	DD	30 - 130 %
% 2-Fluorobiphenyl	73			%	10/14/14	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	55			%	10/14/14	DD	30 - 130 %
% Nitrobenzene-d5	56			%	10/14/14	DD	30 - 130 %
% Phenol-d5	58			%	10/14/14	DD	30 - 130 %
% Terphenyl-d14	99			%	10/14/14	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

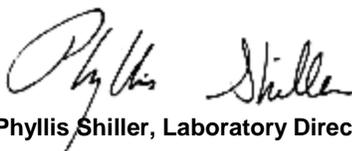
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/10/14  
 10/13/14

## Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26610

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B7 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37		mg/Kg	10/15/14	EK	SW6010
Aluminum	7460	37		mg/Kg	10/15/14	EK	SW6010
Arsenic	9.7	0.7		mg/Kg	10/15/14	EK	SW6010
Barium	134	0.7		mg/Kg	10/15/14	LK	SW6010
Beryllium	0.32	0.29		mg/Kg	10/15/14	EK	SW6010
Calcium	12900	37		mg/Kg	10/15/14	EK	SW6010
Cadmium	1.45	0.37		mg/Kg	10/15/14	EK	SW6010
Cobalt	6.02	0.37		mg/Kg	10/15/14	EK	SW6010
Chromium	18.8	0.37		mg/Kg	10/15/14	EK	SW6010
Copper	77.4	0.37		mg/kg	10/15/14	EK	SW6010
Iron	28500	37		mg/Kg	10/15/14	EK	SW6010
Mercury	2.16	0.09		mg/Kg	10/14/14	RS	SW-7471
Potassium	1090	7		mg/Kg	10/15/14	EK	SW6010
Magnesium	2260	3.7		mg/Kg	10/15/14	EK	SW6010
Manganese	265	3.7		mg/Kg	10/15/14	LK	SW6010
Sodium	364	7		mg/Kg	10/15/14	EK	SW6010
Nickel	16.0	0.37		mg/Kg	10/15/14	EK	SW6010
Lead	358	7.4		mg/Kg	10/15/14	EK	SW6010
Antimony	< 2.5	2.5		mg/Kg	10/15/14	EK	SW6010
Selenium	< 1.5	1.5		mg/Kg	10/15/14	LK	SW6010
Thallium	< 1.5	1.5		mg/Kg	10/15/14	EK	SW6010
Vanadium	21.9	0.4		mg/Kg	10/15/14	EK	SW6010
Zinc	556	7.4		mg/Kg	10/15/14	EK	SW6010
Percent Solid	86			%	10/13/14	I	E160.3
Soil Extraction for PCB	Completed				10/15/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				10/15/14	BB	SW3545
Soil Extraction for SVOA	Completed				10/13/14	CJ/VH	SW3545
Mercury Digestion	Completed				10/14/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050
Field Extraction	Completed				10/10/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1260	110	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	77			%	10/16/14	AW	30 - 150 %
% TCMX	70			%	10/16/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.3	2.3	ug/Kg	10/15/14	CE	SW8081
4,4' -DDE	ND	2.3	2.3	ug/Kg	10/15/14	CE	SW8081
4,4' -DDT	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
a-BHC	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
a-Chlordane	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Aldrin	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
b-BHC	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Chlordane	ND	39	39	ug/Kg	10/15/14	CE	SW8081
d-BHC	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Dieldrin	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Endosulfan I	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Endosulfan II	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Endosulfan sulfate	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Endrin	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Endrin aldehyde	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Endrin ketone	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
g-BHC	ND	1.5	1.5	ug/Kg	10/15/14	CE	SW8081
g-Chlordane	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Heptachlor	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Heptachlor epoxide	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Methoxychlor	ND	39	39	ug/Kg	10/15/14	CE	SW8081
Toxaphene	ND	150	150	ug/Kg	10/15/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	117			%	10/15/14	CE	SW8081
% TCMX	106			%	10/15/14	CE	SW8081
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
1,1,1-Trichloroethane	ND	9.8	2.0	ug/Kg	10/14/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
1,1,2-Trichloroethane	ND	9.8	0.96	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloroethane	ND	9.8	1.9	ug/Kg	10/14/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	9.8	2.1	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloropropene	ND	9.8	1.9	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	9.8	2.0	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichloropropane	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	9.8	2.0	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	9.8	2.6	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromoethane	ND	9.8	2.6	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichlorobenzene	ND	9.8	1.1	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloroethane	ND	9.8	0.86	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloropropane	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	9.8	1.3	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichlorobenzene	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichloropropane	ND	9.8	1.0	ug/Kg	10/14/14	JLI	SW8260
1,4-Dichlorobenzene	ND	9.8	1.5	ug/Kg	10/14/14	JLI	SW8260
2,2-Dichloropropane	ND	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
2-Chlorotoluene	ND	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
2-Hexanone	ND	49	4.4	ug/Kg	10/14/14	JLI	SW8260
2-Isopropyltoluene	ND	9.8	1.3	ug/Kg	10/14/14	JLI	SW8260
4-Chlorotoluene	ND	9.8	1.1	ug/Kg	10/14/14	JLI	SW8260
4-Methyl-2-pentanone	ND	49	2.3	ug/Kg	10/14/14	JLI	SW8260
Acetone	110	S 98	9.7	ug/Kg	10/14/14	JLI	SW8260
Acrylonitrile	ND	20	5.5	ug/Kg	10/14/14	JLI	SW8260
Benzene	ND	9.8	1.9	ug/Kg	10/14/14	JLI	SW8260
Bromobenzene	ND	9.8	1.3	ug/Kg	10/14/14	JLI	SW8260
Bromochloromethane	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
Bromodichloromethane	ND	9.8	1.2	ug/Kg	10/14/14	JLI	SW8260
Bromoform	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
Bromomethane	ND	9.8	7.5	ug/Kg	10/14/14	JLI	SW8260
Carbon Disulfide	10	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
Carbon tetrachloride	ND	9.8	1.1	ug/Kg	10/14/14	JLI	SW8260
Chlorobenzene	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
Chloroethane	ND	9.8	2.3	ug/Kg	10/14/14	JLI	SW8260
Chloroform	ND	9.8	1.8	ug/Kg	10/14/14	JLI	SW8260
Chloromethane	ND	9.8	5.1	ug/Kg	10/14/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	9.8	2.1	ug/Kg	10/14/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	9.8	1.1	ug/Kg	10/14/14	JLI	SW8260
Dibromochloromethane	ND	9.8	1.1	ug/Kg	10/14/14	JLI	SW8260
Dibromomethane	ND	9.8	1.2	ug/Kg	10/14/14	JLI	SW8260
Dichlorodifluoromethane	ND	9.8	2.6	ug/Kg	10/14/14	JLI	SW8260
Ethylbenzene	ND	9.8	1.8	ug/Kg	10/14/14	JLI	SW8260
Hexachlorobutadiene	ND	9.8	2.1	ug/Kg	10/14/14	JLI	SW8260
Isopropylbenzene	ND	9.8	1.9	ug/Kg	10/14/14	JLI	SW8260
m&p-Xylene	ND	9.8	3.8	ug/Kg	10/14/14	JLI	SW8260
Methyl Ethyl Ketone	20	J 59	8.5	ug/Kg	10/14/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	20	2.7	ug/Kg	10/14/14	JLI	SW8260
Methylene chloride	ND	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
Naphthalene	79	J 280	75	ug/Kg	10/14/14	JLI	SW8260
n-Butylbenzene	ND	9.8	1.8	ug/Kg	10/14/14	JLI	SW8260

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	9.8	1.8	ug/Kg	10/14/14	JLI	SW8260
o-Xylene	ND	9.8	3.7	ug/Kg	10/14/14	JLI	SW8260
p-Isopropyltoluene	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
sec-Butylbenzene	ND	9.8	1.8	ug/Kg	10/14/14	JLI	SW8260
Styrene	ND	9.8	2.8	ug/Kg	10/14/14	JLI	SW8260
tert-Butylbenzene	ND	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
Tetrachloroethene	ND	9.8	2.1	ug/Kg	10/14/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	20	8.8	ug/Kg	10/14/14	JLI	SW8260
Toluene	69	J 280	44	ug/Kg	10/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	9.8	2.0	ug/Kg	10/14/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	9.8	2.0	ug/Kg	10/14/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	20	18	ug/Kg	10/14/14	JLI	SW8260
Trichloroethene	ND	9.8	2.1	ug/Kg	10/14/14	JLI	SW8260
Trichlorofluoromethane	ND	9.8	2.2	ug/Kg	10/14/14	JLI	SW8260
Trichlorotrifluoroethane	ND	9.8	1.5	ug/Kg	10/14/14	JLI	SW8260
Vinyl chloride	ND	9.8	3.2	ug/Kg	10/14/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	99			%	10/14/14	JLI	70 - 130 %
% Bromofluorobenzene	93			%	10/14/14	JLI	70 - 130 %
% Dibromofluoromethane	85			%	10/14/14	JLI	70 - 130 %
% Toluene-d8	93			%	10/14/14	JLI	70 - 130 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
1,2-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
1,3-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
1,4-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	10/14/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
2,4-Dichlorophenol	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
2,4-Dimethylphenol	ND	270	95	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrophenol	ND	1900	270	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrotoluene	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
2,6-Dinitrotoluene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
2-Chloronaphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Chlorophenol	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylnaphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	10/14/14	DD	SW 8270
2-Nitroaniline	ND	1900	390	ug/Kg	10/14/14	DD	SW 8270
2-Nitrophenol	ND	270	240	ug/Kg	10/14/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	770	180	ug/Kg	10/14/14	DD	SW 8270
3-Nitroaniline	ND	1900	840	ug/Kg	10/14/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	10/14/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
4-Chloroaniline	ND	770	180	ug/Kg	10/14/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	10/14/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	10/14/14	DD	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	10/14/14	DD	SW 8270
Acenaphthene	140	J 270	120	ug/Kg	10/14/14	DD	SW 8270
Acenaphthylene	200	J 270	110	ug/Kg	10/14/14	DD	SW 8270
Acetophenone	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Aniline	ND	1900	780	ug/Kg	10/14/14	DD	SW 8270
Anthracene	430	270	130	ug/Kg	10/14/14	DD	SW 8270
Benz(a)anthracene	1900	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzidine	ND	770	230	ug/Kg	10/14/14	DD	SW 8270
Benzo(a)pyrene	1600	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzo(b)fluoranthene	2100	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzo(ghi)perylene	860	270	120	ug/Kg	10/14/14	DD	SW 8270
Benzo(k)fluoranthene	690	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzoic acid	ND	1900	770	ug/Kg	10/14/14	DD	SW 8270
Benzyl butyl phthalate	ND	270	99	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	150	J 270	110	ug/Kg	10/14/14	DD	SW 8270
Carbazole	450	J 1900	290	ug/Kg	10/14/14	DD	SW 8270
Chrysene	1900	270	130	ug/Kg	10/14/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Dibenzofuran	150	J 270	110	ug/Kg	10/14/14	DD	SW 8270
Diethyl phthalate	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Dimethylphthalate	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Di-n-butylphthalate	ND	270	100	ug/Kg	10/14/14	DD	SW 8270
Di-n-octylphthalate	ND	270	99	ug/Kg	10/14/14	DD	SW 8270
Fluoranthene	3500	270	120	ug/Kg	10/14/14	DD	SW 8270
Fluorene	180	J 270	130	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobutadiene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Hexachloroethane	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	730	270	130	ug/Kg	10/14/14	DD	SW 8270
Isophorone	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Naphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Nitrobenzene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodimethylamine	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
Pentachloronitrobenzene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
Pentachlorophenol	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
Phenanthrene	2200	270	110	ug/Kg	10/14/14	DD	SW 8270
Phenol	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Pyrene	3200	270	130	ug/Kg	10/14/14	DD	SW 8270
Pyridine	ND	270	94	ug/Kg	10/14/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	72			%	10/14/14	DD	30 - 130 %
% 2-Fluorobiphenyl	94			%	10/14/14	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	74			%	10/14/14	DD	30 - 130 %
% Nitrobenzene-d5	80			%	10/14/14	DD	30 - 130 %
% Phenol-d5	79			%	10/14/14	DD	30 - 130 %
% Terphenyl-d14	98			%	10/14/14	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

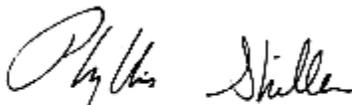
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/10/14  
 10/13/14

## Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26611

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B7 8-10 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	100			%	10/13/14	I	E160.3
Field Extraction	Completed				10/10/14		SW5035

## Volatiles

1,1,1,2-Tetrachloroethane	ND	8.3	1.4	ug/Kg	10/14/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.3	0.81	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloroethane	ND	8.3	1.6	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloroethene	ND	8.3	1.8	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloropropene	ND	8.3	1.6	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.3	2.2	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromoethane	ND	8.3	2.2	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.3	0.91	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloroethane	ND	8.3	0.73	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloropropane	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.3	1.1	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichloropropane	ND	8.3	0.88	ug/Kg	10/14/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
2,2-Dichloropropane	ND	8.3	1.4	ug/Kg	10/14/14	JLI	SW8260
2-Chlorotoluene	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
2-Hexanone	ND	42	3.7	ug/Kg	10/14/14	JLI	SW8260
2-Isopropyltoluene	ND	8.3	1.1	ug/Kg	10/14/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Chlorotoluene	ND	8.3	0.96	ug/Kg	10/14/14	JLI	SW8260
4-Methyl-2-pentanone	ND	42	2.0	ug/Kg	10/14/14	JLI	SW8260
Acetone	ND	50	8.3	ug/Kg	10/14/14	JLI	SW8260
Acrylonitrile	ND	17	4.7	ug/Kg	10/14/14	JLI	SW8260
Benzene	ND	8.3	1.6	ug/Kg	10/14/14	JLI	SW8260
Bromobenzene	ND	8.3	1.1	ug/Kg	10/14/14	JLI	SW8260
Bromochloromethane	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
Bromodichloromethane	ND	8.3	1.0	ug/Kg	10/14/14	JLI	SW8260
Bromoform	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
Bromomethane	ND	8.3	6.4	ug/Kg	10/14/14	JLI	SW8260
Carbon Disulfide	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
Carbon tetrachloride	ND	8.3	0.96	ug/Kg	10/14/14	JLI	SW8260
Chlorobenzene	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
Chloroethane	ND	8.3	1.9	ug/Kg	10/14/14	JLI	SW8260
Chloroform	ND	8.3	1.5	ug/Kg	10/14/14	JLI	SW8260
Chloromethane	ND	8.3	4.3	ug/Kg	10/14/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.3	1.8	ug/Kg	10/14/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.3	0.90	ug/Kg	10/14/14	JLI	SW8260
Dibromochloromethane	ND	5.0	0.93	ug/Kg	10/14/14	JLI	SW8260
Dibromomethane	ND	8.3	1.0	ug/Kg	10/14/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.3	2.2	ug/Kg	10/14/14	JLI	SW8260
Ethylbenzene	ND	8.3	1.5	ug/Kg	10/14/14	JLI	SW8260
Hexachlorobutadiene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
Isopropylbenzene	ND	8.3	1.6	ug/Kg	10/14/14	JLI	SW8260
m&p-Xylene	ND	8.3	3.3	ug/Kg	10/14/14	JLI	SW8260
Methyl Ethyl Ketone	ND	50	7.2	ug/Kg	10/14/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	17	2.3	ug/Kg	10/14/14	JLI	SW8260
Methylene chloride	ND	8.3	1.4	ug/Kg	10/14/14	JLI	SW8260
Naphthalene	ND	8.3	2.2	ug/Kg	10/14/14	JLI	SW8260
n-Butylbenzene	ND	8.3	1.5	ug/Kg	10/14/14	JLI	SW8260
n-Propylbenzene	ND	8.3	1.5	ug/Kg	10/14/14	JLI	SW8260
o-Xylene	ND	8.3	3.2	ug/Kg	10/14/14	JLI	SW8260
p-Isopropyltoluene	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
sec-Butylbenzene	ND	8.3	1.6	ug/Kg	10/14/14	JLI	SW8260
Styrene	ND	8.3	2.4	ug/Kg	10/14/14	JLI	SW8260
tert-Butylbenzene	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
Tetrachloroethene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	17	7.5	ug/Kg	10/14/14	JLI	SW8260
Toluene	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	17	15	ug/Kg	10/14/14	JLI	SW8260
Trichloroethene	ND	8.3	1.8	ug/Kg	10/14/14	JLI	SW8260
Trichlorofluoromethane	ND	8.3	1.8	ug/Kg	10/14/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
Vinyl chloride	ND	8.3	2.7	ug/Kg	10/14/14	JLI	SW8260
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	97			%	10/14/14	JLI	70 - 130 %
% Bromofluorobenzene	90			%	10/14/14	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Dibromofluoromethane	101			%	10/14/14	JLI	70 - 130 %
% Toluene-d8	92			%	10/14/14	JLI	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

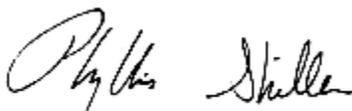
**Comments:**

100% Solid Assumed

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/10/14  
 10/13/14

## Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26612

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B7 12-14 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35	0.35		mg/Kg	10/15/14	EK	SW6010
Aluminum	7870	35		mg/Kg	10/15/14	EK	SW6010
Arsenic	3.3	0.7		mg/Kg	10/15/14	EK	SW6010
Barium	35.3	0.7		mg/Kg	10/15/14	LK	SW6010
Beryllium	0.44	0.28		mg/Kg	10/15/14	EK	SW6010
Calcium	880	3.5		mg/Kg	10/15/14	EK	SW6010
Cadmium	< 0.35	0.35		mg/Kg	10/15/14	EK	SW6010
Cobalt	6.98	0.35		mg/Kg	10/15/14	EK	SW6010
Chromium	20.2	0.35		mg/Kg	10/15/14	EK	SW6010
Copper	10.7	0.35		mg/kg	10/15/14	EK	SW6010
Iron	26600	35		mg/Kg	10/15/14	EK	SW6010
Mercury	< 0.09	0.09		mg/Kg	10/14/14	RS	SW-7471
Potassium	2100	7		mg/Kg	10/15/14	EK	SW6010
Magnesium	2330	3.5		mg/Kg	10/15/14	EK	SW6010
Manganese	173	3.5		mg/Kg	10/15/14	LK	SW6010
Sodium	111	7		mg/Kg	10/15/14	EK	SW6010
Nickel	14.2	0.35		mg/Kg	10/15/14	EK	SW6010
Lead	7.2	0.7		mg/Kg	10/15/14	EK	SW6010
Antimony	< 2.5	2.5		mg/Kg	10/15/14	EK	SW6010
Selenium	< 1.4	1.4		mg/Kg	10/15/14	LK	SW6010
Thallium	< 1.4	1.4		mg/Kg	10/15/14	EK	SW6010
Vanadium	28.7	0.4		mg/Kg	10/15/14	EK	SW6010
Zinc	37.8	0.7		mg/Kg	10/15/14	EK	SW6010
Percent Solid	85			%	10/13/14	I	E160.3
Soil Extraction for PCB	Completed				10/13/14	CB	SW3545
Soil Extraction for Pesticide	Completed				10/13/14	CB/H	SW3545
Soil Extraction for SVOA	Completed				10/13/14	CJ/VH	SW3545
Mercury Digestion	Completed				10/14/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050
Field Extraction	Completed				10/10/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1221	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1232	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1242	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1248	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1254	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1260	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1262	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1268	ND	39	39	ug/Kg	10/14/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	85			%	10/14/14	AW	30 - 150 %
% TCMX	80			%	10/14/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	2.3	2.3	ug/Kg	10/15/14	CE	SW8081
4,4' -DDE	ND	2.3	2.3	ug/Kg	10/15/14	CE	SW8081
4,4' -DDT	ND	2.3	2.3	ug/Kg	10/15/14	CE	SW8081
a-BHC	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
a-Chlordane	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Aldrin	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
b-BHC	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Chlordane	ND	39	39	ug/Kg	10/15/14	CE	SW8081
d-BHC	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Dieldrin	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Endosulfan I	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Endosulfan II	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Endrin	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Endrin aldehyde	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Endrin ketone	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
g-BHC	ND	1.6	1.6	ug/Kg	10/15/14	CE	SW8081
g-Chlordane	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Heptachlor	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Methoxychlor	ND	39	39	ug/Kg	10/15/14	CE	SW8081
Toxaphene	ND	160	160	ug/Kg	10/15/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	104			%	10/15/14	CE	SW8081
% TCMX	97			%	10/15/14	CE	SW8081

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	12	2.0	ug/Kg	10/14/14	JLI	SW8260
1,1,1-Trichloroethane	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
1,1,2-Trichloroethane	ND	12	1.2	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloroethane	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	12	2.6	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloropropene	ND	12	2.3	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichloropropane	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	12	3.2	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromoethane	ND	12	3.2	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichlorobenzene	ND	12	1.3	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloroethane	ND	12	1.1	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloropropane	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	12	1.6	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichlorobenzene	ND	12	1.8	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichloropropane	ND	12	1.3	ug/Kg	10/14/14	JLI	SW8260
1,4-Dichlorobenzene	ND	12	1.9	ug/Kg	10/14/14	JLI	SW8260
2,2-Dichloropropane	ND	12	2.0	ug/Kg	10/14/14	JLI	SW8260
2-Chlorotoluene	ND	12	1.9	ug/Kg	10/14/14	JLI	SW8260
2-Hexanone	ND	60	5.4	ug/Kg	10/14/14	JLI	SW8260
2-Isopropyltoluene	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
4-Chlorotoluene	ND	12	1.4	ug/Kg	10/14/14	JLI	SW8260
4-Methyl-2-pentanone	ND	60	2.9	ug/Kg	10/14/14	JLI	SW8260
Acetone	17	JS 50	12	ug/Kg	10/14/14	JLI	SW8260
Acrylonitrile	ND	24	6.8	ug/Kg	10/14/14	JLI	SW8260
Benzene	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260
Bromobenzene	ND	12	1.6	ug/Kg	10/14/14	JLI	SW8260
Bromochloromethane	ND	12	1.8	ug/Kg	10/14/14	JLI	SW8260
Bromodichloromethane	ND	12	1.5	ug/Kg	10/14/14	JLI	SW8260
Bromoform	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
Bromomethane	ND	12	9.3	ug/Kg	10/14/14	JLI	SW8260
Carbon Disulfide	ND	12	2.0	ug/Kg	10/14/14	JLI	SW8260
Carbon tetrachloride	ND	12	1.4	ug/Kg	10/14/14	JLI	SW8260
Chlorobenzene	ND	12	1.8	ug/Kg	10/14/14	JLI	SW8260
Chloroethane	ND	12	2.8	ug/Kg	10/14/14	JLI	SW8260
Chloroform	ND	12	2.2	ug/Kg	10/14/14	JLI	SW8260
Chloromethane	ND	12	6.3	ug/Kg	10/14/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	12	2.6	ug/Kg	10/14/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	12	1.3	ug/Kg	10/14/14	JLI	SW8260
Dibromochloromethane	ND	5.0	1.4	ug/Kg	10/14/14	JLI	SW8260
Dibromomethane	ND	12	1.5	ug/Kg	10/14/14	JLI	SW8260
Dichlorodifluoromethane	ND	12	3.2	ug/Kg	10/14/14	JLI	SW8260
Ethylbenzene	ND	12	2.2	ug/Kg	10/14/14	JLI	SW8260
Hexachlorobutadiene	ND	12	2.5	ug/Kg	10/14/14	JLI	SW8260
Isopropylbenzene	ND	12	2.3	ug/Kg	10/14/14	JLI	SW8260
m&p-Xylene	ND	12	4.8	ug/Kg	10/14/14	JLI	SW8260
Methyl Ethyl Ketone	ND	72	10	ug/Kg	10/14/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	24	3.3	ug/Kg	10/14/14	JLI	SW8260
Methylene chloride	ND	12	2.0	ug/Kg	10/14/14	JLI	SW8260
Naphthalene	ND	12	3.2	ug/Kg	10/14/14	JLI	SW8260
n-Butylbenzene	ND	12	2.2	ug/Kg	10/14/14	JLI	SW8260

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	12	2.2	ug/Kg	10/14/14	JLI	SW8260
o-Xylene	ND	12	4.6	ug/Kg	10/14/14	JLI	SW8260
p-Isopropyltoluene	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
sec-Butylbenzene	ND	12	2.3	ug/Kg	10/14/14	JLI	SW8260
Styrene	ND	12	3.5	ug/Kg	10/14/14	JLI	SW8260
tert-Butylbenzene	ND	12	1.9	ug/Kg	10/14/14	JLI	SW8260
Tetrachloroethene	ND	12	2.5	ug/Kg	10/14/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	24	11	ug/Kg	10/14/14	JLI	SW8260
Toluene	ND	12	1.9	ug/Kg	10/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	12	2.5	ug/Kg	10/14/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	24	22	ug/Kg	10/14/14	JLI	SW8260
Trichloroethene	ND	12	2.6	ug/Kg	10/14/14	JLI	SW8260
Trichlorofluoromethane	ND	12	2.7	ug/Kg	10/14/14	JLI	SW8260
Trichlorotrifluoroethane	ND	12	1.9	ug/Kg	10/14/14	JLI	SW8260
Vinyl chloride	ND	12	3.9	ug/Kg	10/14/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	98			%	10/14/14	JLI	70 - 130 %
% Bromofluorobenzene	97			%	10/14/14	JLI	70 - 130 %
% Dibromofluoromethane	100			%	10/14/14	JLI	70 - 130 %
% Toluene-d8	94			%	10/14/14	JLI	70 - 130 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
1,2-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
1,3-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
1,4-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	10/14/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
2,4-Dichlorophenol	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
2,4-Dimethylphenol	ND	270	96	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrophenol	ND	1600	270	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrotoluene	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
2,6-Dinitrotoluene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
2-Chloronaphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Chlorophenol	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylnaphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	10/14/14	DD	SW 8270
2-Nitroaniline	ND	1600	390	ug/Kg	10/14/14	DD	SW 8270
2-Nitrophenol	ND	270	240	ug/Kg	10/14/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	770	180	ug/Kg	10/14/14	DD	SW 8270
3-Nitroaniline	ND	1600	840	ug/Kg	10/14/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	10/14/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
4-Chloroaniline	ND	330	180	ug/Kg	10/14/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	10/14/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	10/14/14	DD	SW 8270
4-Nitrophenol	ND	1600	170	ug/Kg	10/14/14	DD	SW 8270
Acenaphthene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Acenaphthylene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Acetophenone	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Aniline	ND	1900	780	ug/Kg	10/14/14	DD	SW 8270
Anthracene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Benz(a)anthracene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzidine	ND	770	230	ug/Kg	10/14/14	DD	SW 8270
Benzo(a)pyrene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzo(b)fluoranthene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzo(ghi)perylene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Benzo(k)fluoranthene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzoic acid	ND	1900	770	ug/Kg	10/14/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	270	99	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	10/14/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Carbazole	ND	1900	290	ug/Kg	10/14/14	DD	SW 8270
Chrysene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Dibenzofuran	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Diethyl phthalate	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Dimethylphthalate	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Di-n-butylphthalate	ND	270	100	ug/Kg	10/14/14	DD	SW 8270
Di-n-octylphthalate	ND	270	99	ug/Kg	10/14/14	DD	SW 8270
Fluoranthene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Fluorene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobutadiene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Hexachloroethane	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Isophorone	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Naphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Nitrobenzene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodimethylamine	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
Pentachloronitrobenzene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
Pentachlorophenol	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
Phenanthrene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Phenol	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Pyrene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Pyridine	ND	270	95	ug/Kg	10/14/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	94			%	10/14/14	DD	30 - 130 %
% 2-Fluorobiphenyl	88			%	10/14/14	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	72			%	10/14/14	DD	30 - 130 %
% Nitrobenzene-d5	75			%	10/14/14	DD	30 - 130 %
% Phenol-d5	73			%	10/14/14	DD	30 - 130 %
% Terphenyl-d14	91			%	10/14/14	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

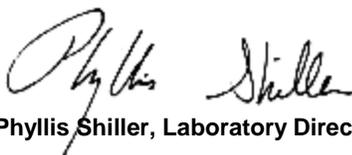
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# QA/QC Report

October 20, 2014

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 289012, QC Sample No: BH26595 (BH26606, BH26607, BH26608, BH26609, BH26610, BH26612)												
<u>ICP Metals - Soil</u>												
Aluminum	BRL	10200	10500	2.90	100	106	5.8	NC	NC	NC	75 - 125	30
Antimony	BRL	<33	<38	NC	105	107	1.9	90.3	89.2	1.2	75 - 125	30
Arsenic	BRL	9.5	7.9	NC	102	108	5.7	95.1	92.4	2.9	75 - 125	30
Barium	BRL	426	193	75.3	105	114	8.2	NC	NC	NC	75 - 125	30
Beryllium	BRL	<2.7	<3.0	NC	100	103	3.0	100	98.7	1.3	75 - 125	30
Cadmium	BRL	<3.3	<3.8	NC	113	115	1.8	99.5	97.7	1.8	75 - 125	30
Calcium	BRL	15900	19900	22.3	100	103	3.0	NC	NC	NC	75 - 125	30
Chromium	BRL	36.3	35.4	2.50	104	106	1.9	102	97.2	4.8	75 - 125	30
Cobalt	BRL	9.2	8.6	NC	87.9	90.7	3.1	98.7	97.5	1.2	75 - 125	30
Copper	BRL	148	143	3.40	94.7	95.3	0.6	101	108	6.7	75 - 125	30
Iron	BRL	24700	24000	2.90	92.2	98.9	7.0	NC	NC	NC	75 - 125	30
Lead	BRL	248	245	1.20	101	103	2.0	111	93.4	17.2	75 - 125	30
Magnesium	BRL	2820	3100	9.50	101	106	4.8	NC	NC	NC	75 - 125	30
Manganese	BRL	487	402	19.1	109	112	2.7	NC	NC	NC	75 - 125	30
Nickel	BRL	18.2	17.2	NC	102	103	1.0	101	101	0.0	75 - 125	30
Potassium	BRL	1560	1630	4.40	98.8	102	3.2	>130	>130	NC	75 - 125	30
Selenium	BRL	<13	<15	NC	98.5	103	4.5	95.5	92.8	2.9	75 - 125	30
Silver	BRL	<3.3	4.5	NC	97.4	101	3.6	109	103	5.7	75 - 125	30
Sodium	BRL	388	422	8.40	101	102	1.0	>130	108	NC	75 - 125	30
Thallium	BRL	<30	<34	NC	101	104	2.9	99.1	96.9	2.2	75 - 125	30
Vanadium	BRL	28.0	30.2	7.60	111	116	4.4	101	99.2	1.8	75 - 125	30
Zinc	BRL	281	269	4.40	108	111	2.7	95.9	>130	NC	75 - 125	30

QA/QC Batch 289057, QC Sample No: BH26599 (BH26606, BH26607, BH26608)

### ICP Metals - TCLP Extraction

Lead	BRL	0.08	0.07	NC	106	105	0.9	102	103	1.0	75 - 125	20
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QA/QC Batch 289055, QC Sample No: BH26769 (BH26609, BH26610, BH26612)

Mercury - Soil	BRL	<0.09	<0.07	NC	104	96.3	7.7	94.8	86.2	9.5	70 - 130	30
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Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

m = This parameter is outside laboratory ms/msd specified recovery limits.

r = This parameter is outside laboratory rpd specified recovery limits.



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# QA/QC Report

October 20, 2014

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 288852, QC Sample No: BH20215 (BH26609, BH26610, BH26612)									
<u>Pesticides - Soil</u>									
4,4' -DDD	ND	83	82	1.2	86	86	0.0	40 - 140	30
4,4' -DDE	ND	84	82	2.4	87	88	1.1	40 - 140	30
4,4' -DDT	ND	80	79	1.3	82	82	0.0	40 - 140	30
a-BHC	ND	86	81	6.0	88	88	0.0	40 - 140	30
a-Chlordane	ND	87	84	3.5	90	89	1.1	40 - 140	30
Aldrin	ND	87	81	7.1	88	87	1.1	40 - 140	30
b-BHC	ND	91	89	2.2	95	94	1.1	40 - 140	30
Chlordane	ND	90	86	4.5	93	93	0.0	40 - 140	30
d-BHC	ND	86	83	3.6	92	92	0.0	40 - 140	30
Dieldrin	ND	93	90	3.3	95	97	2.1	40 - 140	30
Endosulfan I	ND	88	84	4.7	93	89	4.4	40 - 140	30
Endosulfan II	ND	70	74	5.6	92	89	3.3	40 - 140	30
Endosulfan sulfate	ND	57	58	1.7	66	65	1.5	40 - 140	30
Endrin	ND	86	82	4.8	91	89	2.2	40 - 140	30
Endrin aldehyde	ND	63	65	3.1	79	74	6.5	40 - 140	30
Endrin ketone	ND	70	72	2.8	78	76	2.6	40 - 140	30
g-BHC	ND	90	86	4.5	94	96	2.1	40 - 140	30
g-Chlordane	ND	90	86	4.5	93	93	0.0	40 - 140	30
Heptachlor	ND	82	78	5.0	84	85	1.2	40 - 140	30
Heptachlor epoxide	ND	91	87	4.5	93	92	1.1	40 - 140	30
Methoxychlor	ND	72	74	2.7	81	83	2.4	40 - 140	30
Toxaphene	ND	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	88	92	90	2.2	96	105	9.0	30 - 150	30
% TCMX	81	87	81	7.1	89	90	1.1	30 - 150	30

Comment:

Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported as chlordane in the LCS, LCSD, MS and MSD.

QA/QC Batch 288851, QC Sample No: BH20215 (BH26609, BH26610, BH26612)

### Polychlorinated Biphenyls - Soil

PCB-1016	ND	94	88	6.6	89	103	14.6	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	93	89	4.4	90	103	13.5	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	79	102	96	6.1	98	112	13.3	30 - 150	30
% TCMX (Surrogate Rec)	75	95	89	6.5	91	103	12.4	30 - 150	30

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 288879, QC Sample No: BH26345 (BH26609, BH26610, BH26612)										
<b>Semivolatiles - Soil</b>										
1,2,4,5-Tetrachlorobenzene	ND	76	71	6.8	72	71	1.4	30 - 130	30	
1,2,4-Trichlorobenzene	ND	74	71	4.1	71	72	1.4	30 - 130	30	
1,2-Dichlorobenzene	ND	69	65	6.0	66	68	3.0	30 - 130	30	
1,2-Diphenylhydrazine	ND	90	88	2.2	70	70	0.0	30 - 130	30	
1,3-Dichlorobenzene	ND	68	63	7.6	64	66	3.1	30 - 130	30	
1,4-Dichlorobenzene	ND	69	64	7.5	65	67	3.0	30 - 130	30	
2,4,5-Trichlorophenol	ND	87	87	0.0	80	83	3.7	30 - 130	30	
2,4,6-Trichlorophenol	ND	83	86	3.6	78	80	2.5	30 - 130	30	
2,4-Dichlorophenol	ND	78	76	2.6	73	73	0.0	30 - 130	30	
2,4-Dimethylphenol	ND	67	66	1.5	66	66	0.0	30 - 130	30	
2,4-Dinitrophenol	ND	20	33	49.1	<10	<10	NC	30 - 130	30	I,m,r
2,4-Dinitrotoluene	ND	86	84	2.4	75	75	0.0	30 - 130	30	
2,6-Dinitrotoluene	ND	85	82	3.6	77	77	0.0	30 - 130	30	
2-Chloronaphthalene	ND	78	78	0.0	76	77	1.3	30 - 130	30	
2-Chlorophenol	ND	76	73	4.0	71	73	2.8	30 - 130	30	
2-Methylnaphthalene	ND	75	73	2.7	72	72	0.0	30 - 130	30	
2-Methylphenol (o-cresol)	ND	76	74	2.7	73	74	1.4	30 - 130	30	
2-Nitroaniline	ND	110	119	7.9	91	98	7.4	30 - 130	30	
2-Nitrophenol	ND	72	70	2.8	63	69	9.1	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	84	80	4.9	79	80	1.3	30 - 130	30	
3,3'-Dichlorobenzidine	ND	79	76	3.9	42	43	2.4	30 - 130	30	
3-Nitroaniline	ND	95	86	9.9	59	61	3.3	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	38	56	38.3	19	18	5.4	30 - 130	30	m,r
4-Bromophenyl phenyl ether	ND	84	84	0.0	78	83	6.2	30 - 130	30	
4-Chloro-3-methylphenol	ND	82	79	3.7	81	87	7.1	30 - 130	30	
4-Chloroaniline	ND	43	41	4.8	26	27	3.8	30 - 130	30	m
4-Chlorophenyl phenyl ether	ND	83	82	1.2	77	77	0.0	30 - 130	30	
4-Nitroaniline	ND	83	82	1.2	77	78	1.3	30 - 130	30	
4-Nitrophenol	ND	84	85	1.2	68	73	7.1	30 - 130	30	
Acenaphthene	ND	75	76	1.3	71	71	0.0	30 - 130	30	
Acenaphthylene	ND	75	75	0.0	72	73	1.4	30 - 130	30	
Acetophenone	ND	74	71	4.1	70	75	6.9	30 - 130	30	
Aniline	ND	55	51	7.5	34	35	2.9	30 - 130	30	
Anthracene	ND	83	81	2.4	79	79	0.0	30 - 130	30	
Benz(a)anthracene	ND	80	76	5.1	76	76	0.0	30 - 130	30	
Benzidine	ND	17	16	6.1	<10	<10	NC	30 - 130	30	I,m
Benzo(a)pyrene	ND	79	77	2.6	74	73	1.4	30 - 130	30	
Benzo(b)fluoranthene	ND	80	79	1.3	88	86	2.3	30 - 130	30	
Benzo(ghi)perylene	ND	86	77	11.0	49	48	2.1	30 - 130	30	
Benzo(k)fluoranthene	ND	80	78	2.5	78	83	6.2	30 - 130	30	
Benzoic Acid	ND	<10	<10	NC	<10	<10	NC	30 - 130	30	I,m
Benzyl butyl phthalate	ND	85	74	13.8	64	66	3.1	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	73	71	2.8	69	70	1.4	30 - 130	30	
Bis(2-chloroethyl)ether	ND	63	59	6.6	65	66	1.5	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	68	65	4.5	64	65	1.6	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	92	88	4.4	81	84	3.6	30 - 130	30	
Carbazole	ND	118	115	2.6	108	112	3.6	30 - 130	30	
Chrysene	ND	88	85	3.5	81	82	1.2	30 - 130	30	
Dibenz(a,h)anthracene	ND	85	79	7.3	57	59	3.4	30 - 130	30	
Dibenzofuran	ND	81	80	1.2	77	77	0.0	30 - 130	30	

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Diethyl phthalate	ND	81	82	1.2	75	75	0.0	30 - 130	30
Dimethylphthalate	ND	81	80	1.2	75	76	1.3	30 - 130	30
Di-n-butylphthalate	ND	84	82	2.4	72	70	2.8	30 - 130	30
Di-n-octylphthalate	ND	88	87	1.1	70	72	2.8	30 - 130	30
Fluoranthene	ND	83	76	8.8	81	73	10.4	30 - 130	30
Fluorene	ND	83	84	1.2	79	78	1.3	30 - 130	30
Hexachlorobenzene	ND	81	84	3.6	78	82	5.0	30 - 130	30
Hexachlorobutadiene	ND	69	66	4.4	66	67	1.5	30 - 130	30
Hexachlorocyclopentadiene	ND	73	68	7.1	19	17	11.1	30 - 130	30
Hexachloroethane	ND	69	64	7.5	60	57	5.1	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	85	80	6.1	59	60	1.7	30 - 130	30
Isophorone	ND	67	66	1.5	63	64	1.6	30 - 130	30
Naphthalene	ND	75	72	4.1	72	73	1.4	30 - 130	30
Nitrobenzene	ND	73	70	4.2	69	70	1.4	30 - 130	30
N-Nitrosodimethylamine	ND	60	57	5.1	57	45	23.5	30 - 130	30
N-Nitrosodi-n-propylamine	ND	73	71	2.8	68	70	2.9	30 - 130	30
N-Nitrosodiphenylamine	ND	99	96	3.1	87	88	1.1	30 - 130	30
Pentachloronitrobenzene	ND	82	90	9.3	78	81	3.8	30 - 130	30
Pentachlorophenol	ND	72	77	6.7	54	62	13.8	30 - 130	30
Phenanthrene	ND	83	84	1.2	93	86	7.8	30 - 130	30
Phenol	ND	76	74	2.7	72	74	2.7	30 - 130	30
Pyrene	ND	84	78	7.4	80	71	11.9	30 - 130	30
Pyridine	ND	42	41	2.4	40	34	16.2	30 - 130	30
% 2,4,6-Tribromophenol	82	78	86	9.8	72	76	5.4	30 - 130	30
% 2-Fluorobiphenyl	78	75	75	0.0	73	73	0.0	30 - 130	30
% 2-Fluorophenol	66	69	65	6.0	62	63	1.6	30 - 130	30
% Nitrobenzene-d5	72	69	67	2.9	66	67	1.5	30 - 130	30
% Phenol-d5	73	74	72	2.7	69	69	0.0	30 - 130	30
% Terphenyl-d14	94	86	82	4.8	63	61	3.2	30 - 130	30

m

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 289165, QC Sample No: BH26748 (BH26609, BH26610 (42, 1X) , BH26611, BH26612)

### Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	105	105	0.0	105	105	0.0	70 - 130	30
1,1,1-Trichloroethane	ND	105	105	0.0	103	103	0.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	104	104	0.0	109	105	3.7	70 - 130	30
1,1,2-Trichloroethane	ND	100	99	1.0	103	102	1.0	70 - 130	30
1,1-Dichloroethane	ND	100	102	2.0	102	102	0.0	70 - 130	30
1,1-Dichloroethene	ND	107	108	0.9	100	99	1.0	70 - 130	30
1,1-Dichloropropene	ND	104	105	1.0	105	104	1.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	96	96	0.0	99	95	4.1	70 - 130	30
1,2,3-Trichloropropane	ND	97	99	2.0	94	94	0.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	90	91	1.1	99	92	7.3	70 - 130	30
1,2,4-Trimethylbenzene	ND	95	96	1.0	98	91	7.4	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	105	104	1.0	100	103	3.0	70 - 130	30
1,2-Dibromoethane	ND	101	100	1.0	100	101	1.0	70 - 130	30
1,2-Dichlorobenzene	ND	98	98	0.0	100	98	2.0	70 - 130	30
1,2-Dichloroethane	ND	102	102	0.0	103	102	1.0	70 - 130	30
1,2-Dichloropropane	ND	102	101	1.0	104	103	1.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	101	101	0.0	102	97	5.0	70 - 130	30
1,3-Dichlorobenzene	ND	96	96	0.0	100	97	3.0	70 - 130	30

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3-Dichloropropane	ND	100	101	1.0	102	101	1.0	70 - 130	30
1,4-Dichlorobenzene	ND	94	95	1.1	100	97	3.0	70 - 130	30
2,2-Dichloropropane	ND	103	104	1.0	98	98	0.0	70 - 130	30
2-Chlorotoluene	ND	99	99	0.0	102	101	1.0	70 - 130	30
2-Hexanone	ND	92	90	2.2	76	78	2.6	70 - 130	30
2-Isopropyltoluene	ND	102	102	0.0	98	96	2.1	70 - 130	30
4-Chlorotoluene	ND	95	95	0.0	100	97	3.0	70 - 130	30
4-Methyl-2-pentanone	ND	95	93	2.1	94	95	1.1	70 - 130	30
Acetone	ND	100	94	6.2	56	56	0.0	70 - 130	30
Acrylonitrile	ND	99	99	0.0	91	90	1.1	70 - 130	30
Benzene	ND	104	104	0.0	103	103	0.0	70 - 130	30
Bromobenzene	ND	100	101	1.0	102	99	3.0	70 - 130	30
Bromochloromethane	ND	101	104	2.9	102	102	0.0	70 - 130	30
Bromodichloromethane	ND	106	104	1.9	104	104	0.0	70 - 130	30
Bromoform	ND	109	107	1.9	103	106	2.9	70 - 130	30
Bromomethane	ND	112	113	0.9	104	108	3.8	70 - 130	30
Carbon Disulfide	ND	106	108	1.9	92	91	1.1	70 - 130	30
Carbon tetrachloride	ND	107	105	1.9	103	106	2.9	70 - 130	30
Chlorobenzene	ND	99	100	1.0	104	103	1.0	70 - 130	30
Chloroethane	ND	105	105	0.0	70	68	2.9	70 - 130	30
Chloroform	ND	100	101	1.0	100	100	0.0	70 - 130	30
Chloromethane	ND	106	108	1.9	116	113	2.6	70 - 130	30
cis-1,2-Dichloroethene	ND	101	102	1.0	102	100	2.0	70 - 130	30
cis-1,3-Dichloropropene	ND	104	104	0.0	102	102	0.0	70 - 130	30
Dibromochloromethane	ND	107	107	0.0	106	107	0.9	70 - 130	30
Dibromomethane	ND	100	99	1.0	101	101	0.0	70 - 130	30
Dichlorodifluoromethane	ND	110	114	3.6	115	115	0.0	70 - 130	30
Ethylbenzene	ND	103	103	0.0	105	104	1.0	70 - 130	30
Hexachlorobutadiene	ND	106	105	0.9	100	98	2.0	70 - 130	30
Isopropylbenzene	ND	101	101	0.0	103	102	1.0	70 - 130	30
m&p-Xylene	ND	100	100	0.0	105	103	1.9	70 - 130	30
Methyl ethyl ketone	ND	93	90	3.3	67	68	1.5	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	104	104	0.0	93	93	0.0	70 - 130	30
Methylene chloride	ND	74	75	1.3	97	87	10.9	70 - 130	30
Naphthalene	ND	101	101	0.0	100	98	2.0	70 - 130	30
n-Butylbenzene	ND	96	96	0.0	103	98	5.0	70 - 130	30
n-Propylbenzene	ND	95	95	0.0	103	101	2.0	70 - 130	30
o-Xylene	ND	102	101	1.0	107	105	1.9	70 - 130	30
p-Isopropyltoluene	ND	101	101	0.0	110	104	5.6	70 - 130	30
sec-Butylbenzene	ND	105	105	0.0	103	100	3.0	70 - 130	30
Styrene	ND	99	100	1.0	104	102	1.9	70 - 130	30
tert-Butylbenzene	ND	103	103	0.0	104	103	1.0	70 - 130	30
Tetrachloroethene	ND	102	102	0.0	106	105	0.9	70 - 130	30
Tetrahydrofuran (THF)	ND	96	99	3.1	88	89	1.1	70 - 130	30
Toluene	ND	103	103	0.0	104	103	1.0	70 - 130	30
trans-1,2-Dichloroethene	ND	103	104	1.0	102	101	1.0	70 - 130	30
trans-1,3-Dichloropropene	ND	106	105	0.9	101	101	0.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	102	101	1.0	88	89	1.1	70 - 130	30
Trichloroethene	ND	105	105	0.0	104	103	1.0	70 - 130	30
Trichlorofluoromethane	ND	114	114	0.0	114	113	0.9	70 - 130	30
Trichlorotrifluoroethane	ND	106	107	0.9	93	96	3.2	70 - 130	30
Vinyl chloride	ND	104	105	1.0	119	119	0.0	70 - 130	30
% 1,2-dichlorobenzene-d4	101	101	99	2.0	98	98	0.0	70 - 130	30

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Bromofluorobenzene	97	99	99	0.0	103	102	1.0	70 - 130	30
% Dibromofluoromethane	102	99	100	1.0	98	99	1.0	70 - 130	30
% Toluene-d8	94	100	100	0.0	100	100	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.  
m = This parameter is outside laboratory ms/msd specified recovery limits.  
r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference  
LCS - Laboratory Control Sample  
LCSD - Laboratory Control Sample Duplicate  
MS - Matrix Spike  
MS Dup - Matrix Spike Duplicate  
NC - No Criteria  
Intf - Interference

  
Phyllis Shiller, Laboratory Director  
October 20, 2014

## Sample Criteria Exceedences Report

Criteria: NY: 375, 375RRS, 375RS, TAGS

GBH26606 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BH26606	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	3980	78	400	400		mg/Kg
BH26606	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	3980	78	400	400		mg/Kg
BH26606	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	3980	78	63	63		mg/Kg
BH26606	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	3980	78		0.03		mg/Kg
BH26606	TCLP-PB	TCLP Lead	EPA / 40 CFR 261.24 / Toxicity Characteristics	5.01	0.10	5	5		mg/L
BH26607	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1770	70	400	400		mg/Kg
BH26607	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	1770	70	400	400		mg/Kg
BH26607	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1770	70	63	63		mg/Kg
BH26607	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	1770	70		0.03		mg/Kg
BH26608	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	145	6.9	63	63		mg/Kg
BH26608	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	145	6.9		0.03		mg/Kg
BH26609	\$8270SMRDP	Aniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	100	330		ug/Kg
BH26609	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.40	0.28	0.16	0.05		mg/Kg
BH26609	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	24.7	0.36	10	0.1		mg/Kg
BH26609	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	20900	36	2000	1		mg/Kg
BH26609	MN-SM	Manganese	NY / TAGM - Heavy Metals / Soil Standards	519	3.6		0.15		mg/Kg
BH26609	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	7.4	0.7		0.03		mg/Kg
BH26609	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	37.2	0.7	20	0.2		mg/Kg
BH26610	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	110	98	50	50		ug/Kg
BH26610	\$8260MADPR	Dibromochloromethane	NY / TAGM - Volatile Organics / Soil Standards	ND	9.8		5		ug/Kg
BH26610	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1600	270	1000	1000		ug/Kg
BH26610	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1900	270	1000	1000		ug/Kg
BH26610	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1900	270	1000	1000		ug/Kg
BH26610	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	730	270	500	500		ug/Kg
BH26610	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2100	270	1000	1000		ug/Kg
BH26610	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	730	270	500	500		ug/Kg
BH26610	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	2100	270	1000	1000		ug/Kg
BH26610	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	270	1000	1000		ug/Kg
BH26610	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1900	270	1000	1000		ug/Kg
BH26610	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	270	1000	1000		ug/Kg
BH26610	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	270	1000	1000		ug/Kg
BH26610	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	270	1000	1000		ug/Kg
BH26610	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	730	270	500	500		ug/Kg
BH26610	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	270	1000	1000		ug/Kg
BH26610	\$8270SMRDP	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	1900	270	224	330		ug/Kg
BH26610	\$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	150	270	61	330		ug/Kg
BH26610	\$8270SMRDP	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Soil Standards	2100	270	1100	330		ug/Kg
BH26610	\$8270SMRDP	Chrysene	NY / TAGM - Semi-Volatiles / Soil Standards	1900	270	400	330		ug/Kg
BH26610	\$8270SMRDP	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	200	1600		ug/Kg

## Sample Criteria Exceedences Report

Criteria: NY: 375, 375RRS, 375RS, TAGS

GBH26606 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BH26610	\$8270SMRDP	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	430	1600	1600	ug/Kg
BH26610	\$8270SMRDP	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	500	1600	1600	ug/Kg
BH26610	\$8270SMRDP	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	770	220	330	330	ug/Kg
BH26610	\$8270SMRDP	Aniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	100	330	330	ug/Kg
BH26610	\$8270SMRDP	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	100	1600	1600	ug/Kg
BH26610	\$PCB_SMRDP	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	110	38	100	100	100	ug/Kg
BH26610	\$PESTSM_NY	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	3.9	3.3	3.3	3.3	ug/Kg
BH26610	AS-SM	Arsenic	NY / TAGM - Heavy Metals / Soil Standards	9.7	0.7	7.5	0.1	0.1	mg/Kg
BH26610	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.32	0.29	0.16	0.05	0.05	mg/Kg
BH26610	CD-SM	Cadmium	NY / TAGM - Heavy Metals / Soil Standards	1.45	0.37	1	0.05	0.05	mg/Kg
BH26610	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	18.8	0.37	10	0.1	0.1	mg/Kg
BH26610	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	77.4	0.37	50	50	50	mg/kg
BH26610	CU-SM	Copper	NY / TAGM - Heavy Metals / Soil Standards	77.4	0.37	25	0.25	0.25	mg/kg
BH26610	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	28500	37	2000	1	1	mg/Kg
BH26610	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.16	0.09	0.81	0.81	0.81	mg/Kg
BH26610	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.16	0.09	0.81	0.81	0.81	mg/Kg
BH26610	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.16	0.09	0.18	0.18	0.18	mg/Kg
BH26610	HG-SM	Mercury	NY / TAGM - Heavy Metals / Soil Standards	2.16	0.09	0.1	0.002	0.002	mg/Kg
BH26610	MN-SM	Manganese	NY / TAGM - Heavy Metals / Soil Standards	265	3.7		0.15	0.15	mg/Kg
BH26610	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	16.0	0.37	13	0.4	0.4	mg/Kg
BH26610	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	358	7.4	63	63	63	mg/Kg
BH26610	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	358	7.4		0.03	0.03	mg/Kg
BH26610	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	556	7.4	109	109	109	mg/Kg
BH26610	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	556	7.4	20	0.2	0.2	mg/Kg
BH26612	\$8270SMRDP	Aniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	100	330	330	ug/Kg
BH26612	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.44	0.28	0.16	0.05	0.05	mg/Kg
BH26612	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	20.2	0.35	10	0.1	0.1	mg/Kg
BH26612	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	26600	35	2000	1	1	mg/Kg
BH26612	MN-SM	Manganese	NY / TAGM - Heavy Metals / Soil Standards	173	3.5		0.15	0.15	mg/Kg
BH26612	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	14.2	0.35	13	0.4	0.4	mg/Kg
BH26612	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	7.2	0.7		0.03	0.03	mg/Kg
BH26612	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	37.8	0.7	20	0.2	0.2	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

October 20, 2014

SDG I.D.: GBH26606

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)



**NY/NJ CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726

Cooler: Yes  No   
 IPK  ICE   
 Temp 4 °C Pg of

**Contact Options:**

Fax: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: Eric

Customer: ERC Project: 771-881 Metropolitan Ridge

Address: Ridge Report to: \_\_\_\_\_

Invoice to: \_\_\_\_\_

This section **MUST** be completed with **Bottle Quantities.**

**Client Sample - Information - Identification**

Sampler's Signature: \_\_\_\_\_ Date: 10/13/14 Analysis Request

Matrix Code: \_\_\_\_\_  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
201000	BS 0-2'	S	10-10-14	
201001	BS 2-4'			
201002	BS 4-6'			
201003	BS 8-10'			
201004	BS 0-2'			
201005	BS 8-10'			
201006	BS 12-14'			

Soil VOA Vials (Hexanol) 1 HzO	GL Soil container (oz)	GL VOA Vials (Hexanol) 1 HzO	GL Soil container (oz)	GL Amber 100ml [As is] [HCl]	PL H2SO4 [250ml] [500ml] [1000ml]	PL HNO3 250ml	Bacterial Bottle

Relinquished by: \_\_\_\_\_ Accepted by: \_\_\_\_\_  
 Date: 10-17-14 Time: 10:30  
10-13-14 15:50

Turnaround:  1 Day\*  2 Days\*  3 Days\*  5 Days  10 Days  Other  
 \* SURCHARGE APPLIES

NJ Res. Criteria  Non-Res. Criteria  Impact to GW Soil Cleanup Criteria  GW Criteria

NY TAGM 4046 GW  TAGM 4046 SOIL  NY 375 Unrestricted Use Soil  NY 375 Residential Soil  Restricted/Residential Commercial  Industrial

Data Format:  Phoenix Std Report  Excel  PDF  GIS/Key  EQUiS  NJ Hazsite EDD  NY EZ EDD (ASP)  Other \_\_\_\_\_

Data Package:  NJ Reduced Deliv.\*  NY Enhanced (ASP B)\*  Other \_\_\_\_\_

State where samples were collected: \_\_\_\_\_

Comments, Special Requirements or Regulations:



Friday, October 17, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
Sample ID#s: BH26595 - BH26605

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

### Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

### Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

### Date

10/10/14  
 10/13/14

### Time

9:00  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26595

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B2 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	248	6.7	3.3	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.10	B*	0.10	0.010	mg/L	10/14/14	EK SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	90			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

### Comments:

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

9:15  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26596

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B8 2-4 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	5100	70	35	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	18.8	* 0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	88			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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**Analysis Report**  
 October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

10:00  
 15:56

Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26597

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B9 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	1170	7.5	3.8	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.49	* 0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	92			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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**Analysis Report**  
 October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

10:15  
 15:56

Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26598

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B9 2-4 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	715	7.2	3.6	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	1.13	* 0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	91			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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**Analysis Report**  
 October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

10:30  
 15:56

Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26599

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B9 4-6 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	172	7.3	3.6	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.08	B*	0.10	0.010	mg/L	10/14/14	EK SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	89			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

10:45  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26600

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B10 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	143	7.2	3.6	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.06	B*	0.10	0.010	mg/L	10/14/14	EK SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	87			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

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**Phyllis Shiller, Laboratory Director**  
 October 17, 2014

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

### Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

### Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

### Date

10/10/14  
 10/13/14

### Time

11:00  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26601

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B10 2-4 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	172	7.1	3.5	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	< 0.10 *	0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	87			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

### Comments:

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

11:15  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26602

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B10 4-6 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	126	6.9	3.5	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.06	B*	0.10	0.010	mg/L	10/14/14	EK SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	86			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

11:30  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26603

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B11 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	3590	75	38	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	2.01	* 0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	92			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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**Phyllis Shiller, Laboratory Director**  
**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

### Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

### Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

### Date

10/10/14  
 10/13/14

### Time

11:45  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26604

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B11 2-4 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	7280	66	33	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	71.4	1.0	0.10	mg/L	10/15/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	89			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

12:00  
 15:56

Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26605

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B11 4-6 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	117	7.2	3.6	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.12	* 0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	88			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

**Sample Criteria Exceedences Report**

Criteria: NY: 375, 375RRS, 375RS

**GBH26595 - EBC**

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH26595	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	248	6.7	63	63	mg/Kg
BH26596	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	5100	70	400	400	mg/Kg
BH26596	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	5100	70	400	400	mg/Kg
BH26596	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	5100	70	63	63	mg/Kg
BH26596	TCLP-PB	TCLP Lead	EPA / 40 CFR 261.24 / Toxicity Characteristics	18.8	0.10	5	5	mg/L
BH26597	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1170	7.5	400	400	mg/Kg
BH26597	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	1170	7.5	400	400	mg/Kg
BH26597	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1170	7.5	63	63	mg/Kg
BH26598	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	715	7.2	400	400	mg/Kg
BH26598	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	715	7.2	400	400	mg/Kg
BH26598	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	715	7.2	63	63	mg/Kg
BH26599	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	172	7.3	63	63	mg/Kg
BH26600	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	143	7.2	63	63	mg/Kg
BH26601	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	172	7.1	63	63	mg/Kg
BH26602	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	126	6.9	63	63	mg/Kg
BH26603	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	3590	75	400	400	mg/Kg
BH26603	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	3590	75	400	400	mg/Kg
BH26603	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	3590	75	63	63	mg/Kg
BH26604	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	7280	66	400	400	mg/Kg
BH26604	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	7280	66	400	400	mg/Kg
BH26604	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	7280	66	63	63	mg/Kg
BH26604	TCLP-PB	TCLP Lead	EPA / 40 CFR 261.24 / Toxicity Characteristics	71.4	1.0	5	5	mg/L
BH26605	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	117	7.2	63	63	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

October 17, 2014

SDG I.D.: GBH26595

---

The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes  No   
 IPK  ICE  No   
 Temp 4 °C Pg of

Contact Options:  
 Fax: \_\_\_\_\_  
 Phone: (631) 504-6000  
 Email: C:sosik@ebcincnv.com

**NY/NJ CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Customer: Environmental Business Consultants  
 Address: 1808 Middle Country Road  
 Ridge, New York 11961

Project: 771 Metro Politan Ave Brooklyn Project P.O.  
 Report to: Environmental Business Consultants  
 Invoice to: Environmental Business Consultants

This section **MUST** be completed with **Bottle Quantities.**

Sampler's Signature: \_\_\_\_\_ Date: 10/13/14  
 Client Sample - Information - Identification

Matrix Code:  
 DW=Drinking Water GW=Ground Water SW=Surface Water WM=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
20595	B0 0-2	S	10-10-14	9:00	Soil VOA Vals [X] methanol [X] H2O
20596	B8 2-4	S	9:15		GL Soil container (8) oz
20597	B9 0-2	S	10:00		GL VOA Vals [X] methanol [X] H2O
20598	B9 2-4	S	10:15		GL Soil container (8) oz
20599	B9 4-6	S	10:30		GL VOA Vals [X] methanol [X] H2O
20600	B10 0-2	S	10:45		GL Soil container (8) oz
20601	B10 2-4	S	11:00		GL VOA Vals [X] methanol [X] H2O
20602	B10 4-6	S	11:15		GL Soil container (8) oz
20603	B11 0-2	S	11:30		GL VOA Vals [X] methanol [X] H2O
20604	B11 2-4	S	11:45		GL Soil container (8) oz
20605	B11 4-6	S	12:00		GL VOA Vals [X] methanol [X] H2O

Relinquished by: \_\_\_\_\_ Accepted by: \_\_\_\_\_  
 Date: 10-13-14 10:30  
 10-13-14 15:50

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 5 Days  
 10 Days  
 Other  
 \* SURCHARGE APPLIES

NJ Res. Criteria  
 Non-Res. Criteria  
 Impact to GW Soil Cleanup Criteria  
 GW Criteria

NY TAGM 4046 GW  
 TAGM 4046 SOIL  
 NY375 Unrestricted Use Soil  
 NY375 Residential  
 Restricted/Residential  
 Commercial  
 Industrial

Data Format:  
 Phoenix Std Report  
 Excel  
 PDF  
 GIS/Key  
 EQuls  
 NJ Hazsite EDD  
 NY EZ EDD (ASP)  
 Other

Data Package:  
 NJ Reduced Deliv.\*  
 NY Enhanced (ASP B)\*  
 Other

State where samples were collected: NY

Comments, Special Requirements or Regulations:



Friday, October 10, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
Sample ID#s: BH23122 - BH23123

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 10, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: AIR  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by: RC  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/02/14  
 10/03/14

## Time

13:17  
 16:10

## Laboratory Data

SDG ID: GBH23122  
 Phoenix ID: BH23122

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
 Client ID: SG1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<b><u>Volatiles (TO15)</u></b>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	10/06/14	KCA	TO15 1
1,1,1-Trichloroethane	0.440	0.183	2.40	1.00	10/06/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	10/06/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	10/06/14	KCA	TO15
1,1-Dichloroethane	3.00	0.247	12.1	1.00	10/06/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	10/06/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	10/06/14	KCA	TO15
1,2,4-Trimethylbenzene	2.40	0.204	11.8	1.00	10/06/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	10/06/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	10/06/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	10/06/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	10/06/14	KCA	TO15
1,3,5-Trimethylbenzene	0.870	0.204	4.27	1.00	10/06/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	10/06/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	10/06/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	10/06/14	KCA	TO15 1
4-Ethyltoluene	0.290	0.204	1.42	1.00	10/06/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	10/06/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	10/06/14	KCA	TO15
Acetone	57.1	0.421	136	1.00	10/06/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	10/06/14	KCA	TO15
Benzene	8.84	0.313	28.2	1.00	10/06/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	10/06/14	KCA	TO15

Client ID: SG1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	10/06/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	10/06/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	10/06/14	KCA	TO15
Carbon Disulfide	2.60	0.321	8.09	1.00	10/06/14	KCA	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	10/06/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	10/06/14	KCA	TO15
Chloroethane	0.480	0.379	1.26	1.00	10/06/14	KCA	TO15
Chloroform	2.01	0.205	9.81	1.00	10/06/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	10/06/14	KCA	TO15
Cis-1,2-Dichloroethene	0.360	0.252	1.43	1.00	10/06/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	10/06/14	KCA	TO15
Cyclohexane	1.38	0.291	4.75	1.00	10/06/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	10/06/14	KCA	TO15
Dichlorodifluoromethane	7.94	0.202	39.2	1.00	10/06/14	KCA	TO15
Ethanol	5.44	0.531	10.2	1.00	10/06/14	KCA	TO15
Ethyl acetate	ND	0.278	ND	1.00	10/06/14	KCA	TO15
Ethylbenzene	1.32	0.230	5.73	1.00	10/06/14	KCA	TO15
Heptane	1.35	0.244	5.53	1.00	10/06/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	10/06/14	KCA	TO15
Hexane	4.05	0.284	14.3	1.00	10/06/14	KCA	TO15
Isopropylalcohol	ND	0.407	ND	1.00	10/06/14	KCA	TO15
Isopropylbenzene	0.240	0.204	1.18	1.00	10/06/14	KCA	TO15
m,p-Xylene	4.01	0.230	17.4	1.00	10/06/14	KCA	TO15
Methyl Ethyl Ketone	1.74	0.339	5.13	1.00	10/06/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	10/06/14	KCA	TO15
Methylene Chloride	11.3	0.288	39.2	1.00	10/06/14	KCA	TO15
n-Butylbenzene	0.300	0.182	1.64	1.00	10/06/14	KCA	TO15
o-Xylene	1.84	0.230	7.98	1.00	10/06/14	KCA	TO15
Propylene	14.1	0.581	24.2	1.00	10/06/14	KCA	TO15
sec-Butylbenzene	ND	0.182	ND	1.00	10/06/14	KCA	TO15
Styrene	ND	0.235	ND	1.00	10/06/14	KCA	TO15
Tetrachloroethene	1.52	0.037	10.3	0.25	10/06/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	10/06/14	KCA	TO15
Toluene	5.12	0.266	19.3	1.00	10/06/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	10/06/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	10/06/14	KCA	TO15
Trichloroethene	1.77	0.047	9.50	0.25	10/06/14	KCA	TO15
Trichlorofluoromethane	1.76	0.178	9.88	1.00	10/06/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	10/06/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	10/06/14	KCA	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	113	%	113	%	10/06/14	KCA	TO15

Client ID: SG1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

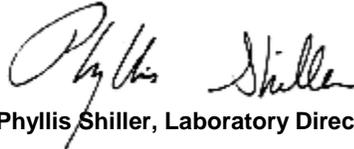
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 10, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 10, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: AIR  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by: RC  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/02/14  
 10/03/14

## Time

13:10  
 16:10

## Laboratory Data

SDG ID: GBH23122  
 Phoenix ID: BH23123

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
 Client ID: SG2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<b>Volatiles (TO15)</b>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	10/06/14	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	10/06/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	10/06/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	10/06/14	KCA	TO15
1,1-Dichloroethane	0.440	0.247	1.78	1.00	10/06/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	10/06/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	10/06/14	KCA	TO15
1,2,4-Trimethylbenzene	1.67	0.204	8.20	1.00	10/06/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	10/06/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	10/06/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	10/06/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	10/06/14	KCA	TO15
1,3,5-Trimethylbenzene	0.640	0.204	3.14	1.00	10/06/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	10/06/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	10/06/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	10/06/14	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	10/06/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	10/06/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	10/06/14	KCA	TO15
Acetone	ND	0.421	ND	1.00	10/06/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	10/06/14	KCA	TO15
Benzene	2.01	0.313	6.42	1.00	10/06/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	10/06/14	KCA	TO15

Client ID: SG2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	10/06/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	10/06/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	10/06/14	KCA	TO15
Carbon Disulfide	20.3	0.321	63.2	1.00	10/06/14	KCA	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	10/06/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	10/06/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	10/06/14	KCA	TO15
Chloroform	ND	0.205	ND	1.00	10/06/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	10/06/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	10/06/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	10/06/14	KCA	TO15
Cyclohexane	3.49	0.291	12.0	1.00	10/06/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	10/06/14	KCA	TO15
Dichlorodifluoromethane	3.90	0.202	19.3	1.00	10/06/14	KCA	TO15
Ethanol	3.28	0.531	6.18	1.00	10/06/14	KCA	TO15
Ethyl acetate	ND	0.278	ND	1.00	10/06/14	KCA	TO15
Ethylbenzene	0.960	0.230	4.17	1.00	10/06/14	KCA	TO15
Heptane	3.42	0.244	14.0	1.00	10/06/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	10/06/14	KCA	TO15
Hexane	12.8	0.284	45.1	1.00	10/06/14	KCA	TO15
Isopropylalcohol	ND	0.407	ND	1.00	10/06/14	KCA	TO15
Isopropylbenzene	0.840	0.204	4.13	1.00	10/06/14	KCA	TO15
m,p-Xylene	2.61	0.230	11.3	1.00	10/06/14	KCA	TO15
Methyl Ethyl Ketone	1.12	0.339	3.30	1.00	10/06/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	4.38	0.278	15.8	1.00	10/06/14	KCA	TO15
Methylene Chloride	3.12	0.288	10.8	1.00	10/06/14	KCA	TO15
n-Butylbenzene	0.330	0.182	1.81	1.00	10/06/14	KCA	TO15
o-Xylene	1.72	0.230	7.46	1.00	10/06/14	KCA	TO15
Propylene	364	0.581	626	1.00	10/06/14	KCA	TO15
sec-Butylbenzene	0.430	0.182	2.36	1.00	10/06/14	KCA	TO15
Styrene	ND	0.235	ND	1.00	10/06/14	KCA	TO15
Tetrachloroethene	1.50	0.037	10.2	0.25	10/06/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	10/06/14	KCA	TO15
Toluene	3.64	0.266	13.7	1.00	10/06/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	10/06/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	10/06/14	KCA	TO15
Trichloroethene	0.450	0.047	2.42	0.25	10/06/14	KCA	TO15
Trichlorofluoromethane	37.3	0.178	209	1.00	10/06/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	10/06/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	10/06/14	KCA	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	113	%	113	%	10/06/14	KCA	TO15

Client ID: SG2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

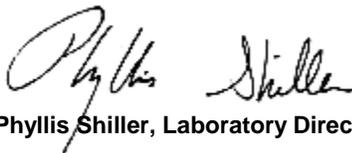
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 10, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# QA/QC Report

October 10, 2014

## QA/QC Data

SDG I.D.: GBH23122

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 288535, QC Sample No: BH22172 (BH23122, BH23123)										
<u>Volatiles</u>										
1,1,1,2-Tetrachloroethane	ND	ND		121					70 - 130	20
1,1,1-Trichloroethane	ND	ND		99					70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND		104					70 - 130	20
1,1,2-Trichloroethane	ND	ND		106					70 - 130	20
1,1-Dichloroethane	ND	ND		89					70 - 130	20
1,1-Dichloroethene	ND	ND		91					70 - 130	20
1,2,4-Trichlorobenzene	ND	ND		127					70 - 130	20
1,2,4-Trimethylbenzene	ND	ND		111					70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND		104					70 - 130	20
1,2-Dichlorobenzene	ND	ND		123					70 - 130	20
1,2-Dichloroethane	ND	ND		95					70 - 130	20
1,2-dichloropropane	ND	ND		101					70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND		106					70 - 130	20
1,3,5-Trimethylbenzene	ND	ND		108					70 - 130	20
1,3-Butadiene	ND	ND		87					70 - 130	20
1,3-Dichlorobenzene	ND	ND		121					70 - 130	20
1,4-Dichlorobenzene	ND	ND		123					70 - 130	20
1,4-Dioxane	ND	ND		100					70 - 130	20
2-Hexanone(MBK)	ND	ND		89					70 - 130	20
4-Ethyltoluene	ND	ND		107					70 - 130	20
4-Isopropyltoluene	ND	ND		110					70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND		92					70 - 130	20
Acetone	ND	ND		89					70 - 130	20
Acrylonitrile	ND	ND		90					70 - 130	20
Benzene	ND	ND		98					70 - 130	20
Benzyl chloride	ND	ND		135					70 - 130	20
Bromodichloromethane	ND	ND		107					70 - 130	20
Bromoform	ND	ND		138					70 - 130	20
Bromomethane	ND	ND		94					70 - 130	20
Carbon Disulfide	ND	ND		89					70 - 130	20
Carbon Tetrachloride	ND	ND		103					70 - 130	20
Chlorobenzene	ND	ND		104					70 - 130	20
Chloroethane	ND	ND		87					70 - 130	20
Chloroform	ND	ND		95					70 - 130	20
Chloromethane	ND	ND		85					70 - 130	20
Cis-1,2-Dichloroethene	ND	ND		94					70 - 130	20
cis-1,3-Dichloropropene	ND	ND		102					70 - 130	20
Cyclohexane	ND	ND		90					70 - 130	20
Dibromochloromethane	ND	ND		121					70 - 130	20
Dichlorodifluoromethane	ND	ND		98					70 - 130	20
Ethanol	ND	ND		83					70 - 130	20

QA/QC Data

SDG I.D.: GBH23122

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	92						70 - 130	20
Ethylbenzene	ND	ND	103						70 - 130	20
Heptane	ND	ND	88						70 - 130	20
Hexachlorobutadiene	ND	ND	102						70 - 130	20
Hexane	ND	ND	89						70 - 130	20
Isopropylalcohol	ND	ND	90						70 - 130	20
Isopropylbenzene	ND	ND	108						70 - 130	20
m,p-Xylene	ND	ND	105						70 - 130	20
Methyl Ethyl Ketone	ND	ND	90						70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	98						70 - 130	20
Methylene Chloride	ND	ND	79						70 - 130	20
n-Butylbenzene	ND	ND	119						70 - 130	20
o-Xylene	ND	ND	101						70 - 130	20
Propylene	ND	ND	86						70 - 130	20
sec-Butylbenzene	ND	ND	107						70 - 130	20
Styrene	ND	ND	105						70 - 130	20
Tetrachloroethene	ND	ND	112						70 - 130	20
Tetrahydrofuran	ND	ND	95						70 - 130	20
Toluene	ND	ND	102						70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	90						70 - 130	20
trans-1,3-Dichloropropene	ND	ND	102						70 - 130	20
Trichloroethene	ND	ND	102						70 - 130	20
Trichlorofluoromethane	ND	ND	96						70 - 130	20
Trichlorotrifluoroethane	ND	ND	98						70 - 130	20
Vinyl Chloride	ND	ND	87						70 - 130	20
% Bromofluorobenzene	107	107	97						70 - 130	20

Comment:

No duplicate could be reported for this Batch.

I = This parameter is outside laboratory lcs/lcsd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCS D - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 October 10, 2014

# Sample Criteria Exceedences Report

**GBH23122 - EBC**

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----------------	-------------------

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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.





587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Telephone: 860.645.1102 • Fax: 860.645.0823

**CHAIN OF CUSTODY RECORD**  
**AIR ANALYSES**

800-827-5426

email: greg@phoenixlabs.com

P.O. # \_\_\_\_\_ Page \_\_\_\_\_ of \_\_\_\_\_

Data Delivery:  Fax #: \_\_\_\_\_  Email: File  Phone #: \_\_\_\_\_

Report to: kuon waters

Customer: EBC

Address: \_\_\_\_\_

Invoice to: EBC

Sampled by: RC

Project Name: 701 Metropolitan Hwy Ave Breakers Hwy

Requested Deliverable:  RCP  ASP CAT B  MCP  NJ Deliverables

State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	MATRIX					
													Soil Gas	Ambient/Indoor Air	Grab (G) Composite (C)	TO-14	TO-15	
	<u>not used</u>	<u>478</u>	<u>6.0</u>	<u>30</u>		<u>4990</u>	<u>41.7</u>											
	<u>not used</u>	<u>365</u>	<u>6.0</u>	<u>30</u>		<u>5041</u>												
<u>23122</u>	<u>not used 562</u>	<u>13640</u>	<u>6.0</u>	<u>30</u>		<u>4982</u>		<u>11:33</u>	<u>11:11</u>	<u>10/2/14</u>	<u>30</u>	<u>30</u>						
<u>23123</u>	<u>561</u>	<u>368</u>	<u>6.0</u>	<u>30</u>	<u>-10</u>	<u>5356</u>		<u>11:19</u>	<u>11:17</u>		<u>29.7</u>	<u>12.5</u>						
	<u>562</u>	<u>490</u>	<u>6.0</u>	<u>30</u>	<u>-5</u>	<u>5654</u>		<u>11:28</u>	<u>11:10</u>		<u>-30</u>	<u>-7.9</u>						

Relinquished by: [Signature]

Accepted by: [Signature]

Date: 10-3-14

Time: 11:45

Data Format:  Excel  Equis  GISKey

PDF  Other: \_\_\_\_\_

SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION: \_\_\_\_\_

Requested Criteria: \_\_\_\_\_

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.

Quote Number: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



Friday, October 03, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
Sample ID#s: BH20400 - BH20402

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

October 03, 2014

SDG I.D.: GBH20400

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8260 Volatile Organics:

1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/FID method 504 or 8011 to achieve this criteria.



**Environmental Laboratories, Inc.**  
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Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL  
DATA PACKAGE**

**Client: Environmental Business Consultants**  
**Project: 781 METROPOLITAN AVE., BROOKLYN**  
**Laboratory Project: GBH20400**



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Analytical Services Protocol Format

October 03, 2014

SDG I.D.: GBH20400

Environmental Business Consultants 781 METROPOLITAN AVE., BROOKLYN

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## Methodology Summary

### Volatile Organics

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 8260C.

## Sample Id Cross Reference

Client Id	Lab Id	Matrix
MW1	BH20400	GROUND WATER
MW2	BH20401	GROUND WATER
MW3	BH20402	GROUND WATER

---



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Tel. (860) 645-1102 Fax (860) 645-0823



# NY Analytical Services Protocol Format

October 03, 2014

SDG I.D.: GBH20400

Environmental Business Consultants 781 METROPOLITAN AVE., BROOKLYN

---

## Laboratory Chronicle

The samples in this delivery group were received at 6°C.

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BH20400	Volatiles	09/25/14	10/02/14	10/02/14	MH	Y
BH20401	Volatiles	09/25/14	10/02/14	10/02/14	MH	Y
BH20402	Volatiles	09/25/14	09/29/14	09/29/14	MH	Y



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 03, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: GROUND WATER  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/25/14  
 09/29/14

## Time

8:00  
 16:15

## Laboratory Data

SDG ID: GBH20400  
 Phoenix ID: BH20400

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
 Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	10/02/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	10/02/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	10/02/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	10/02/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	10/02/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	10/02/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Acetone	4.3	JS	5.0	0.31	ug/L	10/02/14	MH SW8260
Acrolein	ND		5.0	0.95	ug/L	10/02/14	MH SW8260
Acrylonitrile	ND		5.0	0.17	ug/L	10/02/14	MH SW8260
Benzene	0.79		0.70	0.19	ug/L	10/02/14	MH SW8260
Bromobenzene	ND		1.0	0.20	ug/L	10/02/14	MH SW8260
Bromochloromethane	ND		1.0	0.22	ug/L	10/02/14	MH SW8260
Bromodichloromethane	ND		1.0	0.16	ug/L	10/02/14	MH SW8260
Bromoform	ND		5.0	0.10	ug/L	10/02/14	MH SW8260
Bromomethane	ND		5.0	0.50	ug/L	10/02/14	MH SW8260
Carbon Disulfide	ND		1.0	0.24	ug/L	10/02/14	MH SW8260
Carbon tetrachloride	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
Chlorobenzene	ND		5.0	0.20	ug/L	10/02/14	MH SW8260
Chloroethane	ND		5.0	0.24	ug/L	10/02/14	MH SW8260
Chloroform	ND		5.0	0.22	ug/L	10/02/14	MH SW8260
Chloromethane	0.72	J	5.0	0.21	ug/L	10/02/14	MH SW8260
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	10/02/14	MH SW8260
Dibromochloromethane	ND		1.0	0.15	ug/L	10/02/14	MH SW8260
Dibromomethane	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	10/02/14	MH SW8260
Ethylbenzene	ND		1.0	0.19	ug/L	10/02/14	MH SW8260
Hexachlorobutadiene	ND		0.5	0.13	ug/L	10/02/14	MH SW8260
Isopropylbenzene	ND		1.0	0.22	ug/L	10/02/14	MH SW8260
m&p-Xylene	ND		1.0	0.42	ug/L	10/02/14	MH SW8260
Methyl ethyl ketone	ND		1.0	0.50	ug/L	10/02/14	MH SW8260
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	10/02/14	MH SW8260
Methylene chloride	ND		3.0	0.16	ug/L	10/02/14	MH SW8260
Naphthalene	ND		1.0	0.19	ug/L	10/02/14	MH SW8260
n-Butylbenzene	ND		1.0	0.22	ug/L	10/02/14	MH SW8260
n-Propylbenzene	ND		1.0	0.20	ug/L	10/02/14	MH SW8260
o-Xylene	ND		1.0	0.45	ug/L	10/02/14	MH SW8260
p-Isopropyltoluene	ND		1.0	0.21	ug/L	10/02/14	MH SW8260
sec-Butylbenzene	ND		1.0	0.22	ug/L	10/02/14	MH SW8260
Styrene	ND		1.0	0.41	ug/L	10/02/14	MH SW8260
tert-Butylbenzene	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
Tetrachloroethene	ND		1.0	0.24	ug/L	10/02/14	MH SW8260
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	10/02/14	MH SW8260
Toluene	ND		1.0	0.20	ug/L	10/02/14	MH SW8260
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	10/02/14	MH SW8260
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	10/02/14	MH SW8260
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	10/02/14	MH SW8260
Trichloroethene	ND		1.0	0.18	ug/L	10/02/14	MH SW8260
Trichlorofluoromethane	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
Vinyl chloride	ND		1.0	0.14	ug/L	10/02/14	MH SW8260
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	101			%	10/02/14	MH	70 - 121 %
% Bromofluorobenzene	94			%	10/02/14	MH	59 - 113 %
% Dibromofluoromethane	97			%	10/02/14	MH	70 - 130 %

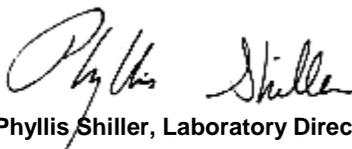
Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	100			%	10/02/14	MH	84 - 138 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**October 03, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 October 03, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

09/25/14  
 09/29/14

Time

9:00  
 16:15

Laboratory Data

SDG ID: GBH20400  
 Phoenix ID: BH20401

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
 Client ID: MW2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	10/02/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	10/02/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	10/02/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	10/02/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	10/02/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	10/02/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Acetone	5.2	S 5.0	0.31	ug/L	10/02/14	MH	SW8260
Acrolein	ND	5.0	0.95	ug/L	10/02/14	MH	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	10/02/14	MH	SW8260
Benzene	0.24	J 0.70	0.19	ug/L	10/02/14	MH	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
Bromoform	ND	5.0	0.10	ug/L	10/02/14	MH	SW8260
Bromomethane	ND	5.0	0.50	ug/L	10/02/14	MH	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	10/02/14	MH	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	10/02/14	MH	SW8260
Chloroethane	ND	5.0	0.24	ug/L	10/02/14	MH	SW8260
Chloroform	ND	5.0	0.22	ug/L	10/02/14	MH	SW8260
Chloromethane	ND	5.0	0.21	ug/L	10/02/14	MH	SW8260
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	10/02/14	MH	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	10/02/14	MH	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	10/02/14	MH	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
Hexachlorobutadiene	ND	0.5	0.13	ug/L	10/02/14	MH	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	10/02/14	MH	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	10/02/14	MH	SW8260
Methyl t-butyl ether (MTBE)	0.99	J 1.0	0.19	ug/L	10/02/14	MH	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	10/02/14	MH	SW8260
Naphthalene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
n-Butylbenzene	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
o-Xylene	ND	1.0	0.45	ug/L	10/02/14	MH	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
Styrene	ND	1.0	0.41	ug/L	10/02/14	MH	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
Tetrachloroethene	ND	1.0	0.24	ug/L	10/02/14	MH	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	10/02/14	MH	SW8260
Toluene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	10/02/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	10/02/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	10/02/14	MH	SW8260
Trichloroethene	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	10/02/14	MH	SW8260
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	102			%	10/02/14	MH	70 - 121 %
% Bromofluorobenzene	94			%	10/02/14	MH	59 - 113 %
% Dibromofluoromethane	97			%	10/02/14	MH	70 - 130 %

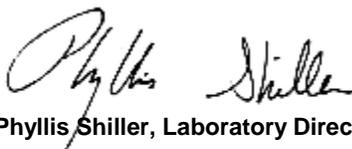
Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	99			%	10/02/14	MH	84 - 138 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 03, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 03, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: GROUND WATER  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/25/14  
 09/29/14

## Time

10:00  
 16:15

## Laboratory Data

SDG ID: GBH20400  
 Phoenix ID: BH20402

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
 Client ID: MW3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
1,1,1-Trichloroethane	ND	10	0.38	ug/L	10/02/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	2.0	0.30	ug/L	10/02/14	MH	SW8260
1,1,2-Trichloroethane	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethane	ND	10	0.46	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethene	ND	2.0	0.48	ug/L	10/02/14	MH	SW8260
1,1-Dichloropropene	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
1,2,3-Trichloropropane	ND	2.0	0.42	ug/L	10/02/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	2.0	0.36	ug/L	10/02/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	2.0	0.36	ug/L	10/02/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	2.0	0.72	ug/L	10/02/14	MH	SW8260
1,2-Dibromoethane	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
1,2-Dichlorobenzene	ND	2.0	0.32	ug/L	10/02/14	MH	SW8260
1,2-Dichloroethane	ND	1.2	0.40	ug/L	10/02/14	MH	SW8260
1,2-Dichloropropane	ND	2.0	0.36	ug/L	10/02/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	2.0	0.42	ug/L	10/02/14	MH	SW8260
1,3-Dichlorobenzene	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
1,3-Dichloropropane	ND	2.0	0.44	ug/L	10/02/14	MH	SW8260
1,4-Dichlorobenzene	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
2,2-Dichloropropane	ND	2.0	0.32	ug/L	10/02/14	MH	SW8260
2-Chlorotoluene	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
2-Hexanone	ND	2.0	0.54	ug/L	10/02/14	MH	SW8260
2-Isopropyltoluene	ND	2.0	0.42	ug/L	10/02/14	MH	SW8260
4-Chlorotoluene	ND	2.0	0.32	ug/L	10/02/14	MH	SW8260
4-Methyl-2-pentanone	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Acetone	800	S 500	31	ug/L	09/29/14	MH	SW8260
Acrolein	ND	10	1.9	ug/L	10/02/14	MH	SW8260
Acrylonitrile	ND	10	0.34	ug/L	10/02/14	MH	SW8260
Benzene	ND	1.4	0.38	ug/L	10/02/14	MH	SW8260
Bromobenzene	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
Bromochloromethane	ND	2.0	0.44	ug/L	10/02/14	MH	SW8260
Bromodichloromethane	ND	2.0	0.32	ug/L	10/02/14	MH	SW8260
Bromoform	ND	10	0.20	ug/L	10/02/14	MH	SW8260
Bromomethane	ND	10	1.0	ug/L	10/02/14	MH	SW8260
Carbon Disulfide	2.8	2.0	0.48	ug/L	10/02/14	MH	SW8260
Carbon tetrachloride	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
Chlorobenzene	ND	10	0.40	ug/L	10/02/14	MH	SW8260
Chloroethane	ND	10	0.48	ug/L	10/02/14	MH	SW8260
Chloroform	ND	10	0.44	ug/L	10/02/14	MH	SW8260
Chloromethane	ND	10	0.42	ug/L	10/02/14	MH	SW8260
cis-1,2-Dichloroethene	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
cis-1,3-Dichloropropene	ND	0.80	0.30	ug/L	10/02/14	MH	SW8260
Dibromochloromethane	ND	2.0	0.30	ug/L	10/02/14	MH	SW8260
Dibromomethane	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
Dichlorodifluoromethane	ND	2.0	0.52	ug/L	10/02/14	MH	SW8260
Ethylbenzene	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
Hexachlorobutadiene	ND	2.0	0.26	ug/L	10/02/14	MH	SW8260
Isopropylbenzene	ND	2.0	0.44	ug/L	10/02/14	MH	SW8260
m&p-Xylene	ND	2.0	0.84	ug/L	10/02/14	MH	SW8260
Methyl ethyl ketone	32	2.0	1.0	ug/L	10/02/14	MH	SW8260
Methyl t-butyl ether (MTBE)	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
Methylene chloride	ND	6.0	0.32	ug/L	10/02/14	MH	SW8260
Naphthalene	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
n-Butylbenzene	ND	2.0	0.44	ug/L	10/02/14	MH	SW8260
n-Propylbenzene	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
o-Xylene	ND	2.0	0.90	ug/L	10/02/14	MH	SW8260
p-Isopropyltoluene	ND	2.0	0.42	ug/L	10/02/14	MH	SW8260
sec-Butylbenzene	ND	2.0	0.44	ug/L	10/02/14	MH	SW8260
Styrene	ND	2.0	0.82	ug/L	10/02/14	MH	SW8260
tert-Butylbenzene	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
Tetrachloroethene	ND	2.0	0.48	ug/L	10/02/14	MH	SW8260
Tetrahydrofuran (THF)	ND	10	1.0	ug/L	10/02/14	MH	SW8260
Toluene	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
trans-1,2-Dichloroethene	ND	10	0.40	ug/L	10/02/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.80	0.28	ug/L	10/02/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	2.0	0.90	ug/L	10/02/14	MH	SW8260
Trichloroethene	ND	2.0	0.36	ug/L	10/02/14	MH	SW8260
Trichlorofluoromethane	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
Trichlorotrifluoroethane	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
Vinyl chloride	ND	2.0	0.28	ug/L	10/02/14	MH	SW8260
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	103			%	10/02/14	MH	70 - 121 %
% Bromofluorobenzene	95			%	10/02/14	MH	59 - 113 %
% Dibromofluoromethane	102			%	10/02/14	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	99			%	10/02/14	MH	84 - 138 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

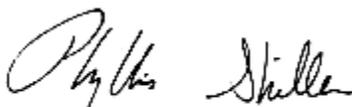
**Comments:**

Volatile Comment:

Elevated reporting limits due to the foamy nature of the sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 03, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# QA/QC Report

October 03, 2014

## QA/QC Data

SDG I.D.: GBH20400

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 287798, QC Sample No: BH19145 (BH20402 (100X) )

### Volatiles - Ground Water

Acetone	ND	100	108	7.7	81	105	25.8	70 - 130	30
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Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 287994, QC Sample No: BH21782 (BH20400, BH20401, BH20402 (2X) )

### Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	95	91	4.3	108	94	13.9	70 - 130	30
1,1,1-Trichloroethane	ND	88	85	3.5	102	89	13.6	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	94	94	0.0	106	91	15.2	70 - 130	30
1,1,2-Trichloroethane	ND	89	92	3.3	110	96	13.6	70 - 130	30
1,1-Dichloroethane	ND	85	83	2.4	101	89	12.6	70 - 130	30
1,1-Dichloroethene	ND	89	87	2.3	98	88	10.8	70 - 130	30
1,1-Dichloropropene	ND	89	84	5.8	101	88	13.8	70 - 130	30
1,2,3-Trichlorobenzene	ND	91	90	1.1	106	94	12.0	70 - 130	30
1,2,3-Trichloropropane	ND	90	91	1.1	105	92	13.2	70 - 130	30
1,2,4-Trichlorobenzene	ND	92	90	2.2	106	93	13.1	70 - 130	30
1,2,4-Trimethylbenzene	ND	87	82	5.9	102	89	13.6	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	92	91	1.1	110	96	13.6	70 - 130	30
1,2-Dibromoethane	ND	92	93	1.1	110	95	14.6	70 - 130	30
1,2-Dichlorobenzene	ND	90	87	3.4	104	91	13.3	70 - 130	30
1,2-Dichloroethane	ND	91	91	0.0	105	94	11.1	70 - 130	30
1,2-Dichloropropane	ND	88	87	1.1	103	90	13.5	70 - 130	30
1,3,5-Trimethylbenzene	ND	90	84	6.9	101	89	12.6	70 - 130	30
1,3-Dichlorobenzene	ND	90	86	4.5	104	91	13.3	70 - 130	30
1,3-Dichloropropane	ND	90	90	0.0	106	93	13.1	70 - 130	30
1,4-Dichlorobenzene	ND	89	85	4.6	102	91	11.4	70 - 130	30
2,2-Dichloropropane	ND	92	87	5.6	79	70	12.1	70 - 130	30
2-Chlorotoluene	ND	90	84	6.9	102	90	12.5	70 - 130	30
2-Hexanone	ND	80	83	3.7	103	90	13.5	70 - 130	30
2-Isopropyltoluene	ND	94	87	7.7	102	90	12.5	70 - 130	30
4-Chlorotoluene	ND	89	84	5.8	102	90	12.5	70 - 130	30
4-Methyl-2-pentanone	ND	87	90	3.4	113	98	14.2	70 - 130	30
Acetone	ND	74	81	9.0	102	86	17.0	70 - 130	30
Acrolein	ND	87	93	6.7	83	72	14.2	70 - 130	30
Acrylonitrile	ND	95	102	7.1	117	99	16.7	70 - 130	30
Benzene	ND	90	85	5.7	103	90	13.5	70 - 130	30
Bromobenzene	ND	91	88	3.4	103	92	11.3	70 - 130	30
Bromochloromethane	ND	90	91	1.1	106	93	13.1	70 - 130	30
Bromodichloromethane	ND	89	88	1.1	102	90	12.5	70 - 130	30
Bromoform	ND	93	92	1.1	107	92	15.1	70 - 130	30
Bromomethane	ND	95	91	4.3	33	50	41.0	70 - 130	30

m,r

QA/QC Data

SDG I.D.: GBH20400

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Carbon Disulfide	ND	92	86	6.7	98	88	10.8	70 - 130	30
Carbon tetrachloride	ND	87	82	5.9	97	86	12.0	70 - 130	30
Chlorobenzene	ND	91	86	5.6	104	91	13.3	70 - 130	30
Chloroethane	ND	92	86	6.7	102	91	11.4	70 - 130	30
Chloroform	ND	85	82	3.6	98	88	10.8	70 - 130	30
Chloromethane	ND	92	87	5.6	87	80	8.4	70 - 130	30
cis-1,2-Dichloroethene	ND	87	85	2.3	100	92	8.3	70 - 130	30
cis-1,3-Dichloropropene	ND	92	93	1.1	101	88	13.8	70 - 130	30
Dibromochloromethane	ND	94	95	1.1	108	92	16.0	70 - 130	30
Dibromomethane	ND	90	93	3.3	109	95	13.7	70 - 130	30
Dichlorodifluoromethane	ND	74	71	4.1	91	84	8.0	70 - 130	30
Ethylbenzene	ND	95	87	8.8	105	92	13.2	70 - 130	30
Hexachlorobutadiene	ND	97	89	8.6	97	88	9.7	70 - 130	30
Isopropylbenzene	ND	90	82	9.3	101	89	12.6	70 - 130	30
m&p-Xylene	ND	93	86	7.8	104	92	12.2	70 - 130	30
Methyl ethyl ketone	ND	81	87	7.1	101	93	8.2	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	94	99	5.2	108	94	13.9	70 - 130	30
Methylene chloride	ND	77	77	0.0	91	80	12.9	70 - 130	30
Naphthalene	ND	93	94	1.1	110	96	13.6	70 - 130	30
n-Butylbenzene	ND	89	81	9.4	98	87	11.9	70 - 130	30
n-Propylbenzene	ND	86	79	8.5	102	90	12.5	70 - 130	30
o-Xylene	ND	90	86	4.5	104	91	13.3	70 - 130	30
p-Isopropyltoluene	ND	92	84	9.1	102	89	13.6	70 - 130	30
sec-Butylbenzene	ND	92	84	9.1	100	87	13.9	70 - 130	30
Styrene	ND	91	87	4.5	104	91	13.3	70 - 130	30
tert-Butylbenzene	ND	91	83	9.2	103	90	13.5	70 - 130	30
Tetrachloroethene	ND	95	87	8.8	106	92	14.1	70 - 130	30
Tetrahydrofuran (THF)	ND	84	89	5.8	105	87	18.8	70 - 130	30
Toluene	ND	90	86	4.5	103	90	13.5	70 - 130	30
trans-1,2-Dichloroethene	ND	91	85	6.8	102	90	12.5	70 - 130	30
trans-1,3-Dichloropropene	ND	96	95	1.0	103	90	13.5	70 - 130	30
trans-1,4-dichloro-2-butene	ND	93	95	2.1	73	63	14.7	70 - 130	30 m
Trichloroethene	ND	95	88	7.7	107	93	14.0	70 - 130	30
Trichlorofluoromethane	ND	78	75	3.9	89	81	9.4	70 - 130	30
Trichlorotrifluoroethane	ND	82	76	7.6	88	79	10.8	70 - 130	30
Vinyl chloride	ND	86	83	3.6	93	84	10.2	70 - 130	30
% 1,2-dichlorobenzene-d4	101	98	100	2.0	101	99	2.0	70 - 121	30
% Bromofluorobenzene	97	100	100	0.0	99	99	0.0	59 - 113	30
% Dibromofluoromethane	104	100	104	3.9	101	102	1.0	70 - 130	30
% Toluene-d8	100	98	98	0.0	99	99	0.0	84 - 138	30

Comment:

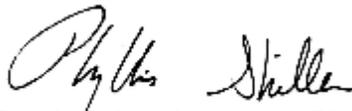
A blank MS/MSD was analyzed with this batch.

m = This parameter is outside laboratory ms/msd specified recovery limits.

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 October 03, 2014

# QA/QC Data

SDG I.D.: GBH20400

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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## Sample Criteria Exceedences Report

Criteria: NY: GW

GBH20400 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH20400	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	0.79	0.70	0.7	0.7	ug/L
BH20400	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH20400	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH20400	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH20401	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH20401	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH20401	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH20402	\$8260DP25R	Chloroform	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	7	7	ug/L
BH20402	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	1.4	0.7	0.7	ug/L
BH20402	\$8260DP25R	1,1-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Chlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
BH20402	\$8260DP25R	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Acetone	NY / TAGM - Volatile Organics / Groundwater Standards	800	500	50	50	ug/L
BH20402	\$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	6.0	5	5	ug/L
BH20402	\$8260DP25R	trans-1,2-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
BH20402	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.0006	0.0006	ug/L
BH20402	\$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	1	1	ug/L
BH20402	\$8260DP25R	1,1-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BH20402	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BH20402	\$8260DP25R	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Chlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	trans-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	6.0	5	5	ug/L
BH20402	\$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.5	0.5	ug/L
BH20402	\$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.80	0.4	0.4	ug/L
BH20402	\$8260DP25R	Chloromethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Acetone	NY / TOGS - Water Quality / GA Criteria	800	500	50	50	ug/L
BH20402	\$8260DP25R	Chloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.2	0.6	0.6	ug/L
BH20402	\$8260DP25R	Bromomethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	ND	1.4	1	1	ug/L
BH20402	\$8260DP25R	Acrylonitrile	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.80	0.4	0.4	ug/L
BH20402	\$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	1	1	ug/L
BH20402	\$8260DP25R	Chloroform	NY / TOGS - Water Quality / GA Criteria	ND	10	7	7	ug/L

# Sample Criteria Exceedences Report

## GBH20400 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.





**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

October 03, 2014

SDG I.D.: GBH20400

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The samples in this delivery group were received at 6°C.  
(Note acceptance criteria is above freezing up to 6°C)





Thursday, September 18, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 781 METROPOLITAN AVE  
Sample ID#s: BH13119 - BH13124

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
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Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

September 18, 2014

SDG I.D.: GBH13119

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Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

9:00  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13119

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 1 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35	0.35	0.35	mg/Kg	09/15/14	LK	SW6010
Aluminum	8110	35	7.0	mg/Kg	09/15/14	LK	SW6010
Arsenic	7.2	0.7	0.70	mg/Kg	09/15/14	LK	SW6010
Barium	87.3	0.7	0.35	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.38	0.28	0.14	mg/Kg	09/15/14	LK	SW6010
Calcium	27300	35	32	mg/Kg	09/15/14	LK	SW6010
Cadmium	0.60	0.35	0.14	mg/Kg	09/15/14	LK	SW6010
Cobalt	5.88	0.35	0.35	mg/Kg	09/15/14	LK	SW6010
Chromium	18.4	0.35	0.35	mg/Kg	09/15/14	LK	SW6010
Copper	43.4	0.35	0.35	mg/kg	09/15/14	LK	SW6010
Iron	20600	35	35	mg/Kg	09/15/14	LK	SW6010
Mercury	0.31	0.09	0.05	mg/Kg	09/15/14	RS	SW-7471
Potassium	1960	N 7	2.7	mg/Kg	09/16/14	LK	SW6010
Magnesium	6670	35	35	mg/Kg	09/15/14	LK	SW6010
Manganese	276	3.5	3.5	mg/Kg	09/15/14	LK	SW6010
Sodium	546	N 7	3.0	mg/Kg	09/16/14	LK	SW6010
Nickel	12.5	0.35	0.35	mg/Kg	09/15/14	LK	SW6010
Lead	118	0.7	0.35	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	09/15/14	LK	SW6010
Vanadium	27.7	0.4	0.35	mg/Kg	09/15/14	LK	SW6010
Zinc	455	7.0	3.5	mg/Kg	09/15/14	LK	SW6010
Percent Solid	90			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	80			%	09/13/14	AW	30 - 150 %
% TCMX	87			%	09/13/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.6	2.6	ug/Kg	09/13/14	CE	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	09/13/14	CE	SW8081
4,4' -DDT	ND	4.5	4.5	ug/Kg	09/13/14	CE	SW8081
a-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	09/13/14	CE	SW8081
b-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	09/13/14	CE	SW8081
d-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	09/13/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	09/13/14	CE	SW8081
g-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	09/13/14	CE	SW8081
Methoxychlor	ND	7.3	7.3	ug/Kg	09/13/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	09/13/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	80			%	09/13/14	CE	30 - 150 %
% TCMX	79			%	09/13/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.2	0.81	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloroethane	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.2	1.8	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloropropene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trimethylbenzene	1.2	J 8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.2	2.2	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromoethane	ND	8.2	2.2	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.2	0.90	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloroethane	ND	8.2	0.72	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloropropane	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
1,3,5-Trimethylbenzene	1.9	J 8.2	1.1	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichloropropane	ND	8.2	0.87	ug/Kg	09/13/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
2,2-Dichloropropane	ND	8.2	1.4	ug/Kg	09/13/14	JLI	SW8260
2-Chlorotoluene	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
2-Hexanone	ND	41	3.7	ug/Kg	09/13/14	JLI	SW8260
2-Isopropyltoluene	ND	8.2	1.1	ug/Kg	09/13/14	JLI	SW8260
4-Chlorotoluene	ND	8.2	0.95	ug/Kg	09/13/14	JLI	SW8260
4-Methyl-2-pentanone	ND	41	2.0	ug/Kg	09/13/14	JLI	SW8260
Acetone	25	JS 50	8.2	ug/Kg	09/13/14	JLI	SW8260
Acrylonitrile	ND	16	4.6	ug/Kg	09/13/14	JLI	SW8260
Benzene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
Bromobenzene	ND	8.2	1.1	ug/Kg	09/13/14	JLI	SW8260
Bromochloromethane	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
Bromodichloromethane	ND	8.2	1.0	ug/Kg	09/13/14	JLI	SW8260
Bromoform	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
Bromomethane	ND	8.2	6.3	ug/Kg	09/13/14	JLI	SW8260
Carbon Disulfide	3.2	J 8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
Carbon tetrachloride	ND	8.2	0.95	ug/Kg	09/13/14	JLI	SW8260
Chlorobenzene	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
Chloroethane	ND	8.2	1.9	ug/Kg	09/13/14	JLI	SW8260
Chloroform	ND	8.2	1.5	ug/Kg	09/13/14	JLI	SW8260
Chloromethane	ND	8.2	4.3	ug/Kg	09/13/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.2	1.8	ug/Kg	09/13/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.2	0.89	ug/Kg	09/13/14	JLI	SW8260
Dibromochloromethane	ND	8.2	0.92	ug/Kg	09/13/14	JLI	SW8260
Dibromomethane	ND	8.2	1.0	ug/Kg	09/13/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.2	2.2	ug/Kg	09/13/14	JLI	SW8260
Ethylbenzene	ND	8.2	1.5	ug/Kg	09/13/14	JLI	SW8260
Hexachlorobutadiene	ND	8.2	1.7	ug/Kg	09/13/14	JLI	SW8260
Isopropylbenzene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
m&p-Xylene	4.0	J 8.2	3.2	ug/Kg	09/13/14	JLI	SW8260
Methyl Ethyl Ketone	ND	49	7.1	ug/Kg	09/13/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	16	2.3	ug/Kg	09/13/14	JLI	SW8260
Methylene chloride	1.9	JS 8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
Naphthalene	ND	8.2	2.2	ug/Kg	09/13/14	JLI	SW8260
n-Butylbenzene	1.8	J 8.2	1.5	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	8.2	1.5	ug/Kg	09/13/14	JLI	SW8260
o-Xylene	6.5	J 8.2	3.1	ug/Kg	09/13/14	JLI	SW8260
p-Isopropyltoluene	1.8	J 8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
sec-Butylbenzene	ND	8.2	1.5	ug/Kg	09/13/14	JLI	SW8260
Styrene	ND	8.2	2.4	ug/Kg	09/13/14	JLI	SW8260
tert-Butylbenzene	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
Tetrachloroethene	ND	8.2	1.7	ug/Kg	09/13/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	16	7.4	ug/Kg	09/13/14	JLI	SW8260
Toluene	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.2	1.7	ug/Kg	09/13/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	16	15	ug/Kg	09/13/14	JLI	SW8260
Trichloroethene	ND	8.2	1.7	ug/Kg	09/13/14	JLI	SW8260
Trichlorofluoromethane	ND	8.2	1.8	ug/Kg	09/13/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
Vinyl chloride	ND	8.2	2.7	ug/Kg	09/13/14	JLI	SW8260
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	102			%	09/13/14	JLI	70 - 121 %
% Bromofluorobenzene	124			%	09/13/14	JLI	59 - 113 %
% Dibromofluoromethane	105			%	09/13/14	JLI	70 - 130 %
% Toluene-d8	103			%	09/13/14	JLI	84 - 138 %
<b>Semivolatiles</b>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270
1,3-Dichlorobenzene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
1,4-Dichlorobenzene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	09/13/14	KCA	SW 8270
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dichlorophenol	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dimethylphenol	ND	250	89	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrophenol	ND	1800	250	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	09/13/14	KCA	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	09/13/14	KCA	SW 8270
2-Nitroaniline	ND	1800	360	ug/Kg	09/13/14	KCA	SW 8270
2-Nitrophenol	ND	250	230	ug/Kg	09/13/14	KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	09/13/14	KCA	SW 8270
3,3'-Dichlorobenzidine	ND	720	170	ug/Kg	09/13/14	KCA	SW 8270
3-Nitroaniline	ND	1800	780	ug/Kg	09/13/14	KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	09/13/14	KCA	SW 8270
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
4-Chloroaniline	ND	720	170	ug/Kg	09/13/14	KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1800	120	ug/Kg	09/13/14	KCA	SW 8270
4-Nitrophenol	ND	1800	160	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthylene	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Acetophenone	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Aniline	ND	1800	720	ug/Kg	09/13/14	KCA	SW 8270
Anthracene	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270
Benz(a)anthracene	480	250	120	ug/Kg	09/13/14	KCA	SW 8270
Benzidine	ND	720	210	ug/Kg	09/13/14	KCA	SW 8270
Benzo(a)pyrene	450	250	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(b)fluoranthene	700	250	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(ghi)perylene	160	J 250	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(k)fluoranthene	260	250	120	ug/Kg	09/13/14	KCA	SW 8270
Benzoic acid	ND	1800	720	ug/Kg	09/13/14	KCA	SW 8270
Benzyl butyl phthalate	ND	250	93	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	250	97	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-ethylhexyl)phthalate	120	J 250	100	ug/Kg	09/13/14	KCA	SW 8270
Carbazole	ND	1800	270	ug/Kg	09/13/14	KCA	SW 8270
Chrysene	500	250	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenzofuran	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Di-n-butylphthalate	ND	250	95	ug/Kg	09/13/14	KCA	SW 8270
Di-n-octylphthalate	ND	250	93	ug/Kg	09/13/14	KCA	SW 8270
Fluoranthene	810	250	120	ug/Kg	09/13/14	KCA	SW 8270
Fluorene	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobenzene	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Indeno(1,2,3-cd)pyrene	140	J 250	120	ug/Kg	09/13/14	KCA	SW 8270
Isophorone	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Naphthalene	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Nitrobenzene	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
Pentachlorophenol	ND	250	140	ug/Kg	09/13/14	KCA	SW 8270
Phenanthrene	450	250	100	ug/Kg	09/13/14	KCA	SW 8270
Phenol	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Pyrene	790	250	120	ug/Kg	09/13/14	KCA	SW 8270
Pyridine	ND	250	88	ug/Kg	09/13/14	KCA	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	75			%	09/13/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	81			%	09/13/14	KCA	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	86			%	09/13/14	KCA	25 - 121 %
% Nitrobenzene-d5	78			%	09/13/14	KCA	23 - 120 %
% Phenol-d5	84			%	09/13/14	KCA	24 - 113 %
% Terphenyl-d14	88			%	09/13/14	KCA	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

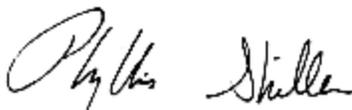
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

9:15  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13120

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 1 12-14 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Aluminum	7030	37	7.4	mg/Kg	09/15/14	LK	SW6010
Arsenic	1.3	0.7	0.74	mg/Kg	09/15/14	LK	SW6010
Barium	34.2	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.38	0.30	0.15	mg/Kg	09/15/14	LK	SW6010
Calcium	725	37	34	mg/Kg	09/15/14	LK	SW6010
Cadmium	< 0.37	0.37	0.15	mg/Kg	09/15/14	LK	SW6010
Cobalt	5.44	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Chromium	16.4	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Copper	15.2	0.37	0.37	mg/kg	09/15/14	LK	SW6010
Iron	18100	37	37	mg/Kg	09/15/14	LK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	09/15/14	RS	SW-7471
Potassium	1050	N 7	2.9	mg/Kg	09/16/14	LK	SW6010
Magnesium	1510	3.7	3.7	mg/Kg	09/15/14	LK	SW6010
Manganese	219	3.7	3.7	mg/Kg	09/15/14	LK	SW6010
Sodium	140	N 7	3.2	mg/Kg	09/16/14	LK	SW6010
Nickel	10.3	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Lead	4.6	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/15/14	LK	SW6010
Vanadium	24.7	0.4	0.37	mg/Kg	09/15/14	LK	SW6010
Zinc	23.3	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Percent Solid	88			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/13/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	72			%	09/13/14	AW	30 - 150 %
% TCMX	81			%	09/13/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
a-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
b-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	09/13/14	CE	SW8081
d-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin ketone	ND	5.5	5.5	ug/Kg	09/13/14	CE	SW8081
g-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	09/13/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	09/13/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	81			%	09/13/14	CE	30 - 150 %
% TCMX	72			%	09/13/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	9.5	1.6	ug/Kg	09/13/14	JLI	SW8260
1,1,1-Trichloroethane	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260
1,1,2-Trichloroethane	ND	9.5	0.93	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloroethane	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	9.5	2.1	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloropropene	ND	9.5	1.8	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichloropropane	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	9.5	1.4	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	9.5	2.5	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromoethane	ND	9.5	2.5	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichlorobenzene	ND	9.5	1.0	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloroethane	ND	9.5	0.84	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloropropane	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichlorobenzene	ND	9.5	1.4	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichloropropane	ND	9.5	1.0	ug/Kg	09/13/14	JLI	SW8260
1,4-Dichlorobenzene	ND	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260
2,2-Dichloropropane	ND	9.5	1.6	ug/Kg	09/13/14	JLI	SW8260
2-Chlorotoluene	ND	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260
2-Hexanone	ND	47	4.3	ug/Kg	09/13/14	JLI	SW8260
2-Isopropyltoluene	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260
4-Chlorotoluene	ND	9.5	1.1	ug/Kg	09/13/14	JLI	SW8260
4-Methyl-2-pentanone	ND	47	2.3	ug/Kg	09/13/14	JLI	SW8260
Acetone	11 JS	50	9.4	ug/Kg	09/13/14	JLI	SW8260
Acrylonitrile	ND	19	5.3	ug/Kg	09/13/14	JLI	SW8260
Benzene	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260
Bromobenzene	ND	9.5	1.2	ug/Kg	09/13/14	JLI	SW8260
Bromochloromethane	ND	9.5	1.4	ug/Kg	09/13/14	JLI	SW8260
Bromodichloromethane	ND	9.5	1.2	ug/Kg	09/13/14	JLI	SW8260
Bromoform	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260
Bromomethane	ND	9.5	7.3	ug/Kg	09/13/14	JLI	SW8260
Carbon Disulfide	2.9 J	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260
Carbon tetrachloride	ND	9.5	1.1	ug/Kg	09/13/14	JLI	SW8260
Chlorobenzene	ND	9.5	1.4	ug/Kg	09/13/14	JLI	SW8260
Chloroethane	ND	9.5	2.2	ug/Kg	09/13/14	JLI	SW8260
Chloroform	ND	9.5	1.7	ug/Kg	09/13/14	JLI	SW8260
Chloromethane	ND	9.5	5.0	ug/Kg	09/13/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	9.5	2.1	ug/Kg	09/13/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	9.5	1.0	ug/Kg	09/13/14	JLI	SW8260
Dibromochloromethane	ND	9.5	1.1	ug/Kg	09/13/14	JLI	SW8260
Dibromomethane	ND	9.5	1.2	ug/Kg	09/13/14	JLI	SW8260
Dichlorodifluoromethane	ND	9.5	2.5	ug/Kg	09/13/14	JLI	SW8260
Ethylbenzene	ND	9.5	1.7	ug/Kg	09/13/14	JLI	SW8260
Hexachlorobutadiene	ND	9.5	2.0	ug/Kg	09/13/14	JLI	SW8260
Isopropylbenzene	ND	9.5	1.8	ug/Kg	09/13/14	JLI	SW8260
m&p-Xylene	ND	9.5	3.7	ug/Kg	09/13/14	JLI	SW8260
Methyl Ethyl Ketone	ND	57	8.2	ug/Kg	09/13/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	19	2.6	ug/Kg	09/13/14	JLI	SW8260
Methylene chloride	1.9 JS	9.5	1.6	ug/Kg	09/13/14	JLI	SW8260
Naphthalene	ND	9.5	2.5	ug/Kg	09/13/14	JLI	SW8260
n-Butylbenzene	ND	9.5	1.7	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	9.5	1.7	ug/Kg	09/13/14	JLI	SW8260
o-Xylene	ND	9.5	3.6	ug/Kg	09/13/14	JLI	SW8260
p-Isopropyltoluene	ND	9.5	1.4	ug/Kg	09/13/14	JLI	SW8260
sec-Butylbenzene	ND	9.5	1.8	ug/Kg	09/13/14	JLI	SW8260
Styrene	ND	9.5	2.7	ug/Kg	09/13/14	JLI	SW8260
tert-Butylbenzene	ND	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260
Tetrachloroethene	ND	9.5	2.0	ug/Kg	09/13/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	19	8.5	ug/Kg	09/13/14	JLI	SW8260
Toluene	ND	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	19	18	ug/Kg	09/13/14	JLI	SW8260
Trichloroethene	ND	9.5	2.0	ug/Kg	09/13/14	JLI	SW8260
Trichlorofluoromethane	ND	9.5	2.1	ug/Kg	09/13/14	JLI	SW8260
Trichlorotrifluoroethane	ND	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260
Vinyl chloride	ND	9.5	3.1	ug/Kg	09/13/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	99			%	09/13/14	JLI	70 - 121 %
% Bromofluorobenzene	91			%	09/13/14	JLI	59 - 113 %
% Dibromofluoromethane	106			%	09/13/14	JLI	70 - 130 %
% Toluene-d8	101			%	09/13/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	09/13/14	KCA	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dimethylphenol	ND	260	94	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrophenol	ND	1900	260	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	09/13/14	KCA	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	09/13/14	KCA	SW 8270
2-Nitroaniline	ND	1900	380	ug/Kg	09/13/14	KCA	SW 8270
2-Nitrophenol	ND	260	240	ug/Kg	09/13/14	KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	09/13/14	KCA	SW 8270
3,3'-Dichlorobenzidine	ND	760	180	ug/Kg	09/13/14	KCA	SW 8270
3-Nitroaniline	ND	1900	820	ug/Kg	09/13/14	KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	09/13/14	KCA	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
4-Chloroaniline	ND	760	180	ug/Kg	09/13/14	KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	09/13/14	KCA	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthylene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Acetophenone	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Aniline	ND	1900	760	ug/Kg	09/13/14	KCA	SW 8270
Anthracene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benz(a)anthracene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzidine	ND	760	220	ug/Kg	09/13/14	KCA	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(k)fluoranthene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzoic acid	ND	1900	760	ug/Kg	09/13/14	KCA	SW 8270
Benzyl butyl phthalate	ND	260	97	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Carbazole	ND	1900	290	ug/Kg	09/13/14	KCA	SW 8270
Chrysene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dimethylphthalate	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Di-n-butylphthalate	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Di-n-octylphthalate	ND	260	97	ug/Kg	09/13/14	KCA	SW 8270
Fluoranthene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Fluorene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobutadiene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Isophorone	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Naphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Phenanthrene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Phenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Pyrene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Pyridine	ND	260	93	ug/Kg	09/13/14	KCA	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	89			%	09/13/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	70			%	09/13/14	KCA	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	67			%	09/13/14	KCA	25 - 121 %
% Nitrobenzene-d5	53			%	09/13/14	KCA	23 - 120 %
% Phenol-d5	67			%	09/13/14	KCA	24 - 113 %
% Terphenyl-d14	102			%	09/13/14	KCA	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

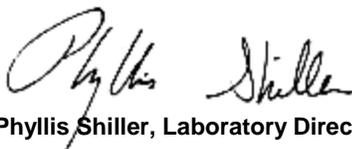
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

10:00  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13121

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 2 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 1.0	1.0	1.0	mg/Kg	09/15/14	LK	SW6010
Aluminum	6860	36	7.1	mg/Kg	09/15/14	LK	SW6010
Arsenic	10.6	0.7	0.71	mg/Kg	09/15/14	LK	SW6010
Barium	198	0.7	0.36	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.33	0.28	0.14	mg/Kg	09/15/14	LK	SW6010
Calcium	52100	36	33	mg/Kg	09/15/14	LK	SW6010
Cadmium	1.25	0.36	0.14	mg/Kg	09/15/14	LK	SW6010
Cobalt	5.60	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Chromium	19.4	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Copper	112	0.36	0.36	mg/kg	09/15/14	LK	SW6010
Iron	26100	36	36	mg/Kg	09/15/14	LK	SW6010
Mercury	0.66	0.07	0.04	mg/Kg	09/15/14	RS	SW-7471
Potassium	1730	N 7	2.8	mg/Kg	09/16/14	LK	SW6010
Magnesium	7320	36	36	mg/Kg	09/15/14	LK	SW6010
Manganese	284	3.6	3.6	mg/Kg	09/15/14	LK	SW6010
Sodium	905	N 7	3.1	mg/Kg	09/16/14	LK	SW6010
Nickel	19.3	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Lead	352	7.1	3.6	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	09/15/14	LK	SW6010
Vanadium	29.4	0.4	0.36	mg/Kg	09/15/14	LK	SW6010
Zinc	956	7.1	3.6	mg/Kg	09/15/14	LK	SW6010
Percent Solid	88			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	160	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	09/13/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	82			%	09/13/14	AW	30 - 150 %
% TCMX	75			%	09/13/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	27	27	ug/Kg	09/15/14	CE	SW8081
4,4' -DDE	ND	27	27	ug/Kg	09/15/14	CE	SW8081
4,4' -DDT	ND	27	27	ug/Kg	09/15/14	CE	SW8081
a-BHC	ND	38	38	ug/Kg	09/15/14	CE	SW8081
a-Chlordane	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Aldrin	ND	19	19	ug/Kg	09/15/14	CE	SW8081
b-BHC	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Chlordane	ND	380	380	ug/Kg	09/15/14	CE	SW8081
d-BHC	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Dieldrin	ND	19	19	ug/Kg	09/15/14	CE	SW8081
Endosulfan I	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Endosulfan II	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Endosulfan sulfate	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Endrin	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Endrin aldehyde	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Endrin ketone	ND	19	19	ug/Kg	09/15/14	CE	SW8081
g-BHC	ND	38	38	ug/Kg	09/15/14	CE	SW8081
g-Chlordane	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Heptachlor	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Heptachlor epoxide	ND	19	19	ug/Kg	09/15/14	CE	SW8081
Methoxychlor	ND	76	76	ug/Kg	09/15/14	CE	SW8081
Toxaphene	ND	1900	1900	ug/Kg	09/15/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	Diluted Out			%	09/15/14	CE	30 - 150 %
% TCMX	Diluted Out			%	09/15/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	9.0	1.5	ug/Kg	09/13/14	JLI	SW8260
1,1,1-Trichloroethane	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
1,1,2-Trichloroethane	ND	9.0	0.89	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloroethane	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	9.0	2.0	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloropropene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichloropropane	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trimethylbenzene	2.1	J 9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	9.0	2.4	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromoethane	ND	9.0	2.4	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichlorobenzene	ND	9.0	0.99	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloroethane	ND	9.0	0.80	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloropropane	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	9.0	1.2	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichlorobenzene	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichloropropane	ND	9.0	0.96	ug/Kg	09/13/14	JLI	SW8260
1,4-Dichlorobenzene	ND	9.0	1.4	ug/Kg	09/13/14	JLI	SW8260
2,2-Dichloropropane	ND	9.0	1.5	ug/Kg	09/13/14	JLI	SW8260
2-Chlorotoluene	ND	9.0	1.4	ug/Kg	09/13/14	JLI	SW8260
2-Hexanone	ND	45	4.1	ug/Kg	09/13/14	JLI	SW8260
2-Isopropyltoluene	ND	9.0	1.2	ug/Kg	09/13/14	JLI	SW8260
4-Chlorotoluene	ND	9.0	1.0	ug/Kg	09/13/14	JLI	SW8260
4-Methyl-2-pentanone	ND	45	2.2	ug/Kg	09/13/14	JLI	SW8260
Acetone	82	JS 90	9.0	ug/Kg	09/13/14	JLI	SW8260
Acrylonitrile	ND	18	5.1	ug/Kg	09/13/14	JLI	SW8260
Benzene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
Bromobenzene	ND	9.0	1.2	ug/Kg	09/13/14	JLI	SW8260
Bromochloromethane	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
Bromodichloromethane	ND	9.0	1.1	ug/Kg	09/13/14	JLI	SW8260
Bromoform	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
Bromomethane	ND	9.0	7.0	ug/Kg	09/13/14	JLI	SW8260
Carbon Disulfide	17	9.0	1.5	ug/Kg	09/13/14	JLI	SW8260
Carbon tetrachloride	ND	9.0	1.0	ug/Kg	09/13/14	JLI	SW8260
Chlorobenzene	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
Chloroethane	ND	9.0	2.1	ug/Kg	09/13/14	JLI	SW8260
Chloroform	ND	9.0	1.6	ug/Kg	09/13/14	JLI	SW8260
Chloromethane	ND	9.0	4.7	ug/Kg	09/13/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	9.0	2.0	ug/Kg	09/13/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	9.0	0.98	ug/Kg	09/13/14	JLI	SW8260
Dibromochloromethane	ND	9.0	1.0	ug/Kg	09/13/14	JLI	SW8260
Dibromomethane	ND	9.0	1.1	ug/Kg	09/13/14	JLI	SW8260
Dichlorodifluoromethane	ND	9.0	2.4	ug/Kg	09/13/14	JLI	SW8260
Ethylbenzene	2.8	J 9.0	1.6	ug/Kg	09/13/14	JLI	SW8260
Hexachlorobutadiene	ND	9.0	1.9	ug/Kg	09/13/14	JLI	SW8260
Isopropylbenzene	ND	9.0	1.7	ug/Kg	09/13/14	JLI	SW8260
m&p-Xylene	14	9.0	3.6	ug/Kg	09/13/14	JLI	SW8260
Methyl Ethyl Ketone	11	J 54	7.8	ug/Kg	09/13/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	18	2.5	ug/Kg	09/13/14	JLI	SW8260
Methylene chloride	2.0	JS 9.0	1.5	ug/Kg	09/13/14	JLI	SW8260
Naphthalene	390	320	85	ug/Kg	09/14/14	JLI	SW8260
n-Butylbenzene	ND	9.0	1.6	ug/Kg	09/13/14	JLI	SW8260

1

B\*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	9.0	1.6	ug/Kg	09/13/14	JLI	SW8260
o-Xylene	15	9.0	3.5	ug/Kg	09/13/14	JLI	SW8260
p-Isopropyltoluene	1.3 J	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
sec-Butylbenzene	ND	9.0	1.7	ug/Kg	09/13/14	JLI	SW8260
Styrene	ND	9.0	2.6	ug/Kg	09/13/14	JLI	SW8260
tert-Butylbenzene	ND	9.0	1.4	ug/Kg	09/13/14	JLI	SW8260
Tetrachloroethene	ND	9.0	1.9	ug/Kg	09/13/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	18	8.1	ug/Kg	09/13/14	JLI	SW8260
Toluene	ND	9.0	1.4	ug/Kg	09/13/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	18	17	ug/Kg	09/13/14	JLI	SW8260
Trichloroethene	ND	9.0	1.9	ug/Kg	09/13/14	JLI	SW8260
Trichlorofluoromethane	ND	9.0	2.0	ug/Kg	09/13/14	JLI	SW8260
Trichlorotrifluoroethane	ND	9.0	1.4	ug/Kg	09/13/14	JLI	SW8260
Vinyl chloride	ND	9.0	2.9	ug/Kg	09/13/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	98			%	09/13/14	JLI	70 - 121 %
% Bromofluorobenzene	89			%	09/13/14	JLI	59 - 113 %
% Dibromofluoromethane	104			%	09/13/14	JLI	70 - 130 %
% Toluene-d8	98			%	09/13/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/13/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
1,2-Dichlorobenzene	ND	260	100	ug/Kg	09/13/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	09/13/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/13/14	DD	SW 8270
2,4-Dimethylphenol	ND	260	92	ug/Kg	09/13/14	DD	SW 8270
2,4-Dinitrophenol	ND	1900	260	ug/Kg	09/13/14	DD	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	09/13/14	DD	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
2-Methylnaphthalene	540	260	110	ug/Kg	09/13/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	09/13/14	DD	SW 8270
2-Nitroaniline	ND	1900	370	ug/Kg	09/13/14	DD	SW 8270
2-Nitrophenol	ND	260	230	ug/Kg	09/13/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	09/13/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	740	170	ug/Kg	09/13/14	DD	SW 8270
3-Nitroaniline	ND	1900	810	ug/Kg	09/13/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	09/13/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/13/14	DD	SW 8270
4-Chloroaniline	ND	740	170	ug/Kg	09/13/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	09/13/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	120	ug/Kg	09/13/14	DD	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	09/13/14	DD	SW 8270
Acenaphthene	1200	260	110	ug/Kg	09/13/14	DD	SW 8270
Acenaphthylene	410	260	100	ug/Kg	09/13/14	DD	SW 8270
Acetophenone	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
Aniline	ND	1900	750	ug/Kg	09/13/14	DD	SW 8270
Anthracene	3900	260	120	ug/Kg	09/13/14	DD	SW 8270
Benz(a)anthracene	10000	1300	620	ug/Kg	09/14/14	DD	SW 8270
Benzidine	ND	740	220	ug/Kg	09/13/14	DD	SW 8270
Benzo(a)pyrene	8000	1300	600	ug/Kg	09/14/14	DD	SW 8270
Benzo(b)fluoranthene	11000	1300	630	ug/Kg	09/14/14	DD	SW 8270
Benzo(ghi)perylene	1900	260	120	ug/Kg	09/13/14	DD	SW 8270
Benzo(k)fluoranthene	3400	260	120	ug/Kg	09/13/14	DD	SW 8270
Benzoic acid	ND	1900	740	ug/Kg	09/13/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	260	95	ug/Kg	09/13/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/13/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	09/13/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/13/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	370	260	110	ug/Kg	09/13/14	DD	SW 8270
Carbazole	1600	J 1900	280	ug/Kg	09/13/14	DD	SW 8270
Chrysene	11000	1300	620	ug/Kg	09/14/14	DD	SW 8270
Dibenz(a,h)anthracene	580	260	120	ug/Kg	09/13/14	DD	SW 8270
Dibenzofuran	860	260	110	ug/Kg	09/13/14	DD	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
Dimethylphthalate	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
Di-n-butylphthalate	ND	260	98	ug/Kg	09/13/14	DD	SW 8270
Di-n-octylphthalate	ND	260	95	ug/Kg	09/13/14	DD	SW 8270
Fluoranthene	21000	6500	3000	ug/Kg	09/15/14	DD	SW 8270
Fluorene	2000	260	120	ug/Kg	09/13/14	DD	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
Hexachlorobutadiene	ND	260	130	ug/Kg	09/13/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	1900	260	120	ug/Kg	09/13/14	DD	SW 8270
Isophorone	ND	260	100	ug/Kg	09/13/14	DD	SW 8270
Naphthalene	700	260	110	ug/Kg	09/13/14	DD	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/13/14	DD	SW 8270
N-Nitrosodimethylamine	ND	260	100	ug/Kg	09/13/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/13/14	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/13/14	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/13/14	DD	SW 8270
Phenanthrene	23000	1300	530	ug/Kg	09/14/14	DD	SW 8270
Phenol	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
Pyrene	22000	6500	3200	ug/Kg	09/15/14	DD	SW 8270
Pyridine	ND	260	91	ug/Kg	09/13/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	81			%	09/13/14	DD	19 - 122 %
% 2-Fluorobiphenyl	73			%	09/13/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	85			%	09/13/14	DD	25 - 121 %
% Nitrobenzene-d5	74			%	09/13/14	DD	23 - 120 %
% Phenol-d5	85			%	09/13/14	DD	24 - 113 %
% Terphenyl-d14	82			%	09/13/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

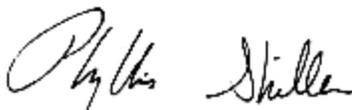
**Pesticide Comment:**

Due to matrix interference caused by the presence of PCBs in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

10:15  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13122

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 2 12-14 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Aluminum	11700	37	7.5	mg/Kg	09/15/14	LK	SW6010
Arsenic	< 0.7	0.7	0.75	mg/Kg	09/15/14	LK	SW6010
Barium	41.8	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.37	0.30	0.15	mg/Kg	09/15/14	LK	SW6010
Calcium	1020	37	34	mg/Kg	09/15/14	LK	SW6010
Cadmium	< 0.37	0.37	0.15	mg/Kg	09/15/14	LK	SW6010
Cobalt	13.8	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Chromium	25.3	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Copper	14.0	0.37	0.37	mg/kg	09/15/14	LK	SW6010
Iron	20100	37	37	mg/Kg	09/15/14	LK	SW6010
Mercury	< 0.08	0.08	0.05	mg/Kg	09/15/14	RS	SW-7471
Potassium	1020	N 7	2.9	mg/Kg	09/16/14	LK	SW6010
Magnesium	4240	3.7	3.7	mg/Kg	09/15/14	LK	SW6010
Manganese	328	3.7	3.7	mg/Kg	09/15/14	LK	SW6010
Sodium	206	N 7	3.2	mg/Kg	09/16/14	LK	SW6010
Nickel	18.5	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Lead	4.9	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.9	1.9	1.9	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/15/14	LK	SW6010
Vanadium	25.8	0.4	0.37	mg/Kg	09/15/14	LK	SW6010
Zinc	54.5	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Percent Solid	88			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/13/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	85			%	09/13/14	AW	30 - 150 %
% TCMX	94			%	09/13/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
a-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
b-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	09/13/14	CE	SW8081
d-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin	ND	4.5	4.5	ug/Kg	09/13/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin ketone	ND	4.0	4.0	ug/Kg	09/13/14	CE	SW8081
g-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Methoxychlor	ND	7.5	7.5	ug/Kg	09/13/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	09/13/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	79			%	09/13/14	CE	30 - 150 %
% TCMX	83			%	09/13/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
1,1,1-Trichloroethane	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	7.4	1.0	ug/Kg	09/14/14	JLI	SW8260
1,1,2-Trichloroethane	ND	7.4	0.72	ug/Kg	09/14/14	JLI	SW8260
1,1-Dichloroethane	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
1,1-Dichloropropene	ND	7.4	1.4	ug/Kg	09/14/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
1,2,3-Trichloropropane	ND	7.4	1.0	ug/Kg	09/14/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	7.4	1.1	ug/Kg	09/14/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	7.4	2.0	ug/Kg	09/14/14	JLI	SW8260
1,2-Dibromoethane	ND	7.4	2.0	ug/Kg	09/14/14	JLI	SW8260
1,2-Dichlorobenzene	ND	7.4	0.81	ug/Kg	09/14/14	JLI	SW8260
1,2-Dichloroethane	ND	7.4	0.65	ug/Kg	09/14/14	JLI	SW8260
1,2-Dichloropropane	ND	7.4	1.0	ug/Kg	09/14/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	7.4	0.98	ug/Kg	09/14/14	JLI	SW8260
1,3-Dichlorobenzene	ND	7.4	1.1	ug/Kg	09/14/14	JLI	SW8260
1,3-Dichloropropane	ND	7.4	0.78	ug/Kg	09/14/14	JLI	SW8260
1,4-Dichlorobenzene	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
2,2-Dichloropropane	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
2-Chlorotoluene	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
2-Hexanone	ND	37	3.3	ug/Kg	09/14/14	JLI	SW8260
2-Isopropyltoluene	ND	7.4	1.0	ug/Kg	09/14/14	JLI	SW8260
4-Chlorotoluene	ND	7.4	0.86	ug/Kg	09/14/14	JLI	SW8260
4-Methyl-2-pentanone	ND	37	1.8	ug/Kg	09/14/14	JLI	SW8260
Acetone	19	JS 50	7.3	ug/Kg	09/14/14	JLI	SW8260
Acrylonitrile	ND	15	4.2	ug/Kg	09/14/14	JLI	SW8260
Benzene	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
Bromobenzene	ND	7.4	0.96	ug/Kg	09/14/14	JLI	SW8260
Bromochloromethane	ND	7.4	1.1	ug/Kg	09/14/14	JLI	SW8260
Bromodichloromethane	ND	7.4	0.92	ug/Kg	09/14/14	JLI	SW8260
Bromoform	ND	7.4	1.0	ug/Kg	09/14/14	JLI	SW8260
Bromomethane	ND	7.4	5.7	ug/Kg	09/14/14	JLI	SW8260
Carbon Disulfide	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
Carbon tetrachloride	ND	7.4	0.86	ug/Kg	09/14/14	JLI	SW8260
Chlorobenzene	ND	7.4	1.1	ug/Kg	09/14/14	JLI	SW8260
Chloroethane	ND	7.4	1.7	ug/Kg	09/14/14	JLI	SW8260
Chloroform	ND	7.4	1.3	ug/Kg	09/14/14	JLI	SW8260
Chloromethane	ND	7.4	3.9	ug/Kg	09/14/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	7.4	0.80	ug/Kg	09/14/14	JLI	SW8260
Dibromochloromethane	ND	7.4	0.83	ug/Kg	09/14/14	JLI	SW8260
Dibromomethane	ND	7.4	0.93	ug/Kg	09/14/14	JLI	SW8260
Dichlorodifluoromethane	ND	7.4	2.0	ug/Kg	09/14/14	JLI	SW8260
Ethylbenzene	ND	7.4	1.3	ug/Kg	09/14/14	JLI	SW8260
Hexachlorobutadiene	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
Isopropylbenzene	ND	7.4	1.4	ug/Kg	09/14/14	JLI	SW8260
m&p-Xylene	ND	7.4	2.9	ug/Kg	09/14/14	JLI	SW8260
Methyl Ethyl Ketone	ND	44	6.4	ug/Kg	09/14/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	15	2.0	ug/Kg	09/14/14	JLI	SW8260
Methylene chloride	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
Naphthalene	ND	7.4	2.0	ug/Kg	09/14/14	JLI	SW8260
n-Butylbenzene	ND	7.4	1.3	ug/Kg	09/14/14	JLI	SW8260

1

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	7.4	1.3	ug/Kg	09/14/14	JLI	SW8260
o-Xylene	ND	7.4	2.8	ug/Kg	09/14/14	JLI	SW8260
p-Isopropyltoluene	ND	7.4	1.1	ug/Kg	09/14/14	JLI	SW8260
sec-Butylbenzene	ND	7.4	1.4	ug/Kg	09/14/14	JLI	SW8260
Styrene	ND	7.4	2.1	ug/Kg	09/14/14	JLI	SW8260
tert-Butylbenzene	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
Tetrachloroethene	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	15	6.6	ug/Kg	09/14/14	JLI	SW8260
Toluene	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	15	14	ug/Kg	09/14/14	JLI	SW8260
Trichloroethene	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
Trichlorofluoromethane	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
Trichlorotrifluoroethane	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
Vinyl chloride	ND	7.4	2.4	ug/Kg	09/14/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	97			%	09/14/14	JLI	70 - 121 %
% Bromofluorobenzene	99			%	09/14/14	JLI	59 - 113 %
% Dibromofluoromethane	100			%	09/14/14	JLI	70 - 130 %
% Toluene-d8	94			%	09/14/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
1,2-Dichlorobenzene	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	09/14/14	KCA	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
2,4-Dimethylphenol	ND	260	92	ug/Kg	09/14/14	KCA	SW 8270
2,4-Dinitrophenol	ND	1800	260	ug/Kg	09/14/14	KCA	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	09/14/14	KCA	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
2-Chloronaphthalene	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
2-Chlorophenol	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	09/14/14	KCA	SW 8270
2-Nitroaniline	ND	1800	370	ug/Kg	09/14/14	KCA	SW 8270
2-Nitrophenol	ND	260	230	ug/Kg	09/14/14	KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	09/14/14	KCA	SW 8270
3,3'-Dichlorobenzidine	ND	740	170	ug/Kg	09/14/14	KCA	SW 8270
3-Nitroaniline	ND	1800	800	ug/Kg	09/14/14	KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	400	ug/Kg	09/14/14	KCA	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
4-Chloroaniline	ND	740	170	ug/Kg	09/14/14	KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1800	120	ug/Kg	09/14/14	KCA	SW 8270
4-Nitrophenol	ND	1800	170	ug/Kg	09/14/14	KCA	SW 8270
Acenaphthene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
Acetophenone	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Aniline	ND	1800	750	ug/Kg	09/14/14	KCA	SW 8270
Anthracene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Benz(a)anthracene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Benzidine	ND	740	220	ug/Kg	09/14/14	KCA	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Benzo(k)fluoranthene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Benzoic acid	ND	1800	740	ug/Kg	09/14/14	KCA	SW 8270 1
Benzyl butyl phthalate	ND	260	95	ug/Kg	09/14/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Carbazole	ND	1800	280	ug/Kg	09/14/14	KCA	SW 8270
Chrysene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Dimethylphthalate	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Di-n-butylphthalate	ND	260	98	ug/Kg	09/14/14	KCA	SW 8270
Di-n-octylphthalate	ND	260	95	ug/Kg	09/14/14	KCA	SW 8270
Fluoranthene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Fluorene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Hexachlorobutadiene	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Isophorone	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
Naphthalene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/14/14	KCA	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/14/14	KCA	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/14/14	KCA	SW 8270
Phenanthrene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Phenol	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Pyrene	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
Pyridine	ND	260	91	ug/Kg	09/14/14	KCA	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	95			%	09/14/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	74			%	09/14/14	KCA	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	91			%	09/14/14	KCA	25 - 121 %
% Nitrobenzene-d5	74			%	09/14/14	KCA	23 - 120 %
% Phenol-d5	90			%	09/14/14	KCA	24 - 113 %
% Terphenyl-d14	120			%	09/14/14	KCA	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

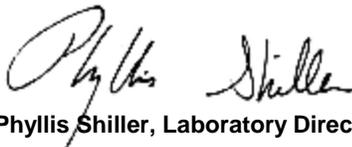
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

11:00  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13123

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 3 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Aluminum	7170	37	7.4	mg/Kg	09/15/14	LK	SW6010
Arsenic	10.6	0.7	0.74	mg/Kg	09/15/14	LK	SW6010
Barium	186	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.33	0.30	0.15	mg/Kg	09/15/14	LK	SW6010
Calcium	43400	37	34	mg/Kg	09/15/14	LK	SW6010
Cadmium	0.67	0.37	0.15	mg/Kg	09/15/14	LK	SW6010
Cobalt	4.68	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Chromium	17.1	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Copper	77.6	0.37	0.37	mg/kg	09/15/14	LK	SW6010
Iron	19300	37	37	mg/Kg	09/15/14	LK	SW6010
Mercury	2.05	0.08	0.05	mg/Kg	09/15/14	RS	SW-7471
Potassium	1170	N 7	2.9	mg/Kg	09/16/14	LK	SW6010
Magnesium	10600	37	37	mg/Kg	09/15/14	LK	SW6010
Manganese	178	3.7	3.7	mg/Kg	09/15/14	LK	SW6010
Sodium	277	N 7	3.2	mg/Kg	09/16/14	LK	SW6010
Nickel	11.9	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Lead	356	7.4	3.7	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/15/14	LK	SW6010
Vanadium	19.6	0.4	0.37	mg/Kg	09/15/14	LK	SW6010
Zinc	551	7.4	3.7	mg/Kg	09/15/14	LK	SW6010
Percent Solid	88			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	68			%	09/13/14	AW	30 - 150 %
% TCMX	79			%	09/13/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDT	ND	7.0	7.0	ug/Kg	09/13/14	CE	SW8081
a-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
b-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	09/13/14	CE	SW8081
d-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
g-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	09/13/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	09/13/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	71			%	09/13/14	CE	30 - 150 %
% TCMX	70			%	09/13/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	11	1.7	ug/Kg	09/13/14	JLI	SW8260
1,1,1-Trichloroethane	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
1,1,2-Trichloroethane	ND	11	1.0	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloroethane	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	11	2.3	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloropropene	ND	11	2.0	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichloropropane	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	11	2.8	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromoethane	ND	11	2.8	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichlorobenzene	ND	11	1.2	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloroethane	ND	11	0.93	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloropropane	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	11	1.4	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichlorobenzene	ND	11	1.6	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichloropropane	ND	11	1.1	ug/Kg	09/13/14	JLI	SW8260
1,4-Dichlorobenzene	ND	11	1.7	ug/Kg	09/13/14	JLI	SW8260
2,2-Dichloropropane	ND	11	1.8	ug/Kg	09/13/14	JLI	SW8260
2-Chlorotoluene	ND	11	1.7	ug/Kg	09/13/14	JLI	SW8260
2-Hexanone	ND	53	4.7	ug/Kg	09/13/14	JLI	SW8260
2-Isopropyltoluene	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
4-Chlorotoluene	ND	11	1.2	ug/Kg	09/13/14	JLI	SW8260
4-Methyl-2-pentanone	ND	53	2.5	ug/Kg	09/13/14	JLI	SW8260
Acetone	340	S 110	10	ug/Kg	09/13/14	JLI	SW8260
Acrylonitrile	ND	21	5.9	ug/Kg	09/13/14	JLI	SW8260
Benzene	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
Bromobenzene	ND	11	1.4	ug/Kg	09/13/14	JLI	SW8260
Bromochloromethane	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
Bromodichloromethane	ND	11	1.3	ug/Kg	09/13/14	JLI	SW8260
Bromoform	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
Bromomethane	ND	11	8.1	ug/Kg	09/13/14	JLI	SW8260
Carbon Disulfide	8.0	J 11	1.7	ug/Kg	09/13/14	JLI	SW8260
Carbon tetrachloride	ND	11	1.2	ug/Kg	09/13/14	JLI	SW8260
Chlorobenzene	ND	11	1.6	ug/Kg	09/13/14	JLI	SW8260
Chloroethane	ND	11	2.5	ug/Kg	09/13/14	JLI	SW8260
Chloroform	ND	11	1.9	ug/Kg	09/13/14	JLI	SW8260
Chloromethane	ND	11	5.5	ug/Kg	09/13/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	11	2.3	ug/Kg	09/13/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	11	1.1	ug/Kg	09/13/14	JLI	SW8260
Dibromochloromethane	ND	11	1.2	ug/Kg	09/13/14	JLI	SW8260
Dibromomethane	ND	11	1.3	ug/Kg	09/13/14	JLI	SW8260
Dichlorodifluoromethane	ND	11	2.8	ug/Kg	09/13/14	JLI	SW8260
Ethylbenzene	ND	11	1.9	ug/Kg	09/13/14	JLI	SW8260
Hexachlorobutadiene	ND	11	2.2	ug/Kg	09/13/14	JLI	SW8260
Isopropylbenzene	ND	11	2.0	ug/Kg	09/13/14	JLI	SW8260
m&p-Xylene	ND	11	4.1	ug/Kg	09/13/14	JLI	SW8260
Methyl Ethyl Ketone	45	J 63	9.1	ug/Kg	09/13/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	21	2.9	ug/Kg	09/13/14	JLI	SW8260
Methylene chloride	2.3	JS 11	1.7	ug/Kg	09/13/14	JLI	SW8260
Naphthalene	ND	11	2.8	ug/Kg	09/13/14	JLI	SW8260
n-Butylbenzene	ND	11	1.9	ug/Kg	09/13/14	JLI	SW8260

1

B\*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	11	1.9	ug/Kg	09/13/14	JLI	SW8260
o-Xylene	ND	11	4.0	ug/Kg	09/13/14	JLI	SW8260
p-Isopropyltoluene	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
sec-Butylbenzene	ND	11	2.0	ug/Kg	09/13/14	JLI	SW8260
Styrene	ND	11	3.0	ug/Kg	09/13/14	JLI	SW8260
tert-Butylbenzene	ND	11	1.7	ug/Kg	09/13/14	JLI	SW8260
Tetrachloroethene	ND	11	2.2	ug/Kg	09/13/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	21	9.5	ug/Kg	09/13/14	JLI	SW8260
Toluene	48	J 290	46	ug/Kg	09/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	21	20	ug/Kg	09/13/14	JLI	SW8260
Trichloroethene	ND	11	2.2	ug/Kg	09/13/14	JLI	SW8260
Trichlorofluoromethane	ND	11	2.3	ug/Kg	09/13/14	JLI	SW8260
Trichlorotrifluoroethane	ND	11	1.6	ug/Kg	09/13/14	JLI	SW8260
Vinyl chloride	ND	11	3.4	ug/Kg	09/13/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	101			%	09/13/14	JLI	70 - 121 %
% Bromofluorobenzene	97			%	09/13/14	JLI	59 - 113 %
% Dibromofluoromethane	31			%	09/13/14	JLI	70 - 130 %
% Toluene-d8	99			%	09/13/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Dichlorobenzene	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	09/13/14	KCA	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dimethylphenol	ND	260	91	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrophenol	ND	1800	260	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrotoluene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2-Chloronaphthalene	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
2-Chlorophenol	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	09/13/14	KCA	SW 8270
2-Nitroaniline	ND	1800	370	ug/Kg	09/13/14	KCA	SW 8270
2-Nitrophenol	ND	260	230	ug/Kg	09/13/14	KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
3,3'-Dichlorobenzidine	ND	740	170	ug/Kg	09/13/14	KCA	SW 8270
3-Nitroaniline	ND	1800	800	ug/Kg	09/13/14	KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	400	ug/Kg	09/13/14	KCA	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
4-Chloroaniline	ND	740	170	ug/Kg	09/13/14	KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1800	120	ug/Kg	09/13/14	KCA	SW 8270
4-Nitrophenol	ND	1800	170	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Acetophenone	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Aniline	ND	1800	740	ug/Kg	09/13/14	KCA	SW 8270
Anthracene	120	J 260	120	ug/Kg	09/13/14	KCA	SW 8270
Benz(a)anthracene	580	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzidine	ND	740	220	ug/Kg	09/13/14	KCA	SW 8270
Benzo(a)pyrene	600	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(b)fluoranthene	860	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzo(ghi)perylene	230	J 260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(k)fluoranthene	300	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzoic acid	ND	1800	740	ug/Kg	09/13/14	KCA	SW 8270
Benzyl butyl phthalate	ND	260	95	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	260	99	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Carbazole	ND	1800	280	ug/Kg	09/13/14	KCA	SW 8270
Chrysene	580	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dimethylphthalate	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Di-n-butylphthalate	ND	260	98	ug/Kg	09/13/14	KCA	SW 8270
Di-n-octylphthalate	ND	260	95	ug/Kg	09/13/14	KCA	SW 8270
Fluoranthene	1100	260	120	ug/Kg	09/13/14	KCA	SW 8270
Fluorene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobutadiene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Indeno(1,2,3-cd)pyrene	200	J 260	120	ug/Kg	09/13/14	KCA	SW 8270
Isophorone	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Naphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Phenanthrene	570	260	110	ug/Kg	09/13/14	KCA	SW 8270
Phenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Pyrene	980	260	130	ug/Kg	09/13/14	KCA	SW 8270
Pyridine	ND	260	90	ug/Kg	09/13/14	KCA	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	<10			%	09/13/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	91			%	09/13/14	KCA	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	37			%	09/13/14	KCA	25 - 121 %
% Nitrobenzene-d5	79			%	09/13/14	KCA	23 - 120 %
% Phenol-d5	88			%	09/13/14	KCA	24 - 113 %
% Terphenyl-d14	98			%	09/13/14	KCA	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

**Volatile Comment:**

Poor surrogate recovery was observed for volatiles due to matrix interference. Sample was analyzed twice with similar results.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

11:15  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13124

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 3 12-14 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Aluminum	12800	36	7.2	mg/Kg	09/15/14	LK	SW6010
Arsenic	1.6	0.7	0.72	mg/Kg	09/15/14	LK	SW6010
Barium	55.4	0.7	0.36	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.61	0.29	0.14	mg/Kg	09/15/14	LK	SW6010
Calcium	943	36	33	mg/Kg	09/15/14	LK	SW6010
Cadmium	< 0.36	0.36	0.14	mg/Kg	09/15/14	LK	SW6010
Cobalt	7.47	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Chromium	25.9	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Copper	20.4	0.36	0.36	mg/kg	09/15/14	LK	SW6010
Iron	22900	36	36	mg/Kg	09/15/14	LK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	09/15/14	RS	SW-7471
Potassium	1880	N 7	2.8	mg/Kg	09/16/14	LK	SW6010
Magnesium	2830	3.6	3.6	mg/Kg	09/15/14	LK	SW6010
Manganese	399	3.6	3.6	mg/Kg	09/15/14	LK	SW6010
Sodium	147	N 7	3.1	mg/Kg	09/16/14	LK	SW6010
Nickel	14.4	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Lead	6.8	0.7	0.36	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	09/15/14	LK	SW6010
Vanadium	34.3	0.4	0.36	mg/Kg	09/15/14	LK	SW6010
Zinc	46.2	0.7	0.36	mg/Kg	09/15/14	LK	SW6010
Percent Solid	88			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	79			%	09/13/14	AW	30 - 150 %
% TCMX	88			%	09/13/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
a-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
b-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	09/13/14	CE	SW8081
d-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
g-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	09/13/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	09/13/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	79			%	09/13/14	CE	30 - 150 %
% TCMX	78			%	09/13/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	13	2.2	ug/Kg	09/13/14	JLI	SW8260
1,1,1-Trichloroethane	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
1,1,2-Trichloroethane	ND	13	1.3	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloroethane	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	13	2.9	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloropropene	ND	13	2.6	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichloropropane	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	13	3.6	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromoethane	ND	13	3.6	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichlorobenzene	ND	13	1.5	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloroethane	ND	13	1.2	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloropropane	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	13	1.8	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichlorobenzene	ND	13	2.0	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichloropropane	ND	13	1.4	ug/Kg	09/13/14	JLI	SW8260
1,4-Dichlorobenzene	ND	13	2.1	ug/Kg	09/13/14	JLI	SW8260
2,2-Dichloropropane	ND	13	2.3	ug/Kg	09/13/14	JLI	SW8260
2-Chlorotoluene	ND	13	2.2	ug/Kg	09/13/14	JLI	SW8260
2-Hexanone	ND	67	6.1	ug/Kg	09/13/14	JLI	SW8260
2-Isopropyltoluene	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
4-Chlorotoluene	ND	13	1.6	ug/Kg	09/13/14	JLI	SW8260
4-Methyl-2-pentanone	ND	67	3.2	ug/Kg	09/13/14	JLI	SW8260
Acetone	15	JS 50	13	ug/Kg	09/13/14	JLI	SW8260
Acrylonitrile	ND	27	7.6	ug/Kg	09/13/14	JLI	SW8260
Benzene	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
Bromobenzene	ND	13	1.8	ug/Kg	09/13/14	JLI	SW8260
Bromochloromethane	ND	13	2.0	ug/Kg	09/13/14	JLI	SW8260
Bromodichloromethane	ND	13	1.7	ug/Kg	09/13/14	JLI	SW8260
Bromoform	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
Bromomethane	ND	13	10	ug/Kg	09/13/14	JLI	SW8260
Carbon Disulfide	ND	13	2.2	ug/Kg	09/13/14	JLI	SW8260
Carbon tetrachloride	ND	13	1.6	ug/Kg	09/13/14	JLI	SW8260
Chlorobenzene	ND	13	2.0	ug/Kg	09/13/14	JLI	SW8260
Chloroethane	ND	13	3.2	ug/Kg	09/13/14	JLI	SW8260
Chloroform	ND	13	2.5	ug/Kg	09/13/14	JLI	SW8260
Chloromethane	ND	13	7.1	ug/Kg	09/13/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	13	2.9	ug/Kg	09/13/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	13	1.5	ug/Kg	09/13/14	JLI	SW8260
Dibromochloromethane	ND	13	1.5	ug/Kg	09/13/14	JLI	SW8260
Dibromomethane	ND	13	1.7	ug/Kg	09/13/14	JLI	SW8260
Dichlorodifluoromethane	ND	13	3.6	ug/Kg	09/13/14	JLI	SW8260
Ethylbenzene	ND	13	2.5	ug/Kg	09/13/14	JLI	SW8260
Hexachlorobutadiene	ND	13	2.8	ug/Kg	09/13/14	JLI	SW8260
Isopropylbenzene	ND	13	2.6	ug/Kg	09/13/14	JLI	SW8260
m&p-Xylene	ND	13	5.3	ug/Kg	09/13/14	JLI	SW8260
Methyl Ethyl Ketone	ND	81	12	ug/Kg	09/13/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	27	3.7	ug/Kg	09/13/14	JLI	SW8260
Methylene chloride	3.1	JS 13	2.2	ug/Kg	09/13/14	JLI	SW8260
Naphthalene	ND	13	3.6	ug/Kg	09/13/14	JLI	SW8260
n-Butylbenzene	ND	13	2.5	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	13	2.4	ug/Kg	09/13/14	JLI	SW8260
o-Xylene	ND	13	5.1	ug/Kg	09/13/14	JLI	SW8260
p-Isopropyltoluene	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
sec-Butylbenzene	ND	13	2.5	ug/Kg	09/13/14	JLI	SW8260
Styrene	ND	13	3.9	ug/Kg	09/13/14	JLI	SW8260
tert-Butylbenzene	ND	13	2.2	ug/Kg	09/13/14	JLI	SW8260
Tetrachloroethene	ND	13	2.8	ug/Kg	09/13/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	27	12	ug/Kg	09/13/14	JLI	SW8260
Toluene	ND	13	2.1	ug/Kg	09/13/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	27	25	ug/Kg	09/13/14	JLI	SW8260
Trichloroethene	ND	13	2.9	ug/Kg	09/13/14	JLI	SW8260
Trichlorofluoromethane	ND	13	3.0	ug/Kg	09/13/14	JLI	SW8260
Trichlorotrifluoroethane	ND	13	2.1	ug/Kg	09/13/14	JLI	SW8260
Vinyl chloride	ND	13	4.4	ug/Kg	09/13/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	103			%	09/13/14	JLI	70 - 121 %
% Bromofluorobenzene	96			%	09/13/14	JLI	59 - 113 %
% Dibromofluoromethane	110			%	09/13/14	JLI	70 - 130 %
% Toluene-d8	100			%	09/13/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	09/13/14	KCA	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dimethylphenol	ND	260	93	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrophenol	ND	1900	260	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	09/13/14	KCA	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylnaphthalene	160	J 260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	09/13/14	KCA	SW 8270
2-Nitroaniline	ND	1900	380	ug/Kg	09/13/14	KCA	SW 8270
2-Nitrophenol	ND	260	240	ug/Kg	09/13/14	KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	09/13/14	KCA	SW 8270
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	09/13/14	KCA	SW 8270
3-Nitroaniline	ND	1900	810	ug/Kg	09/13/14	KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	09/13/14	KCA	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
4-Chloroaniline	ND	750	170	ug/Kg	09/13/14	KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	120	ug/Kg	09/13/14	KCA	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Acetophenone	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Aniline	ND	1900	750	ug/Kg	09/13/14	KCA	SW 8270
Anthracene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benz(a)anthracene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzidine	ND	750	220	ug/Kg	09/13/14	KCA	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(k)fluoranthene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzoic acid	ND	1900	750	ug/Kg	09/13/14	KCA	SW 8270
Benzyl butyl phthalate	ND	260	96	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Carbazole	ND	1900	280	ug/Kg	09/13/14	KCA	SW 8270
Chrysene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dimethylphthalate	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Di-n-butylphthalate	ND	260	99	ug/Kg	09/13/14	KCA	SW 8270
Di-n-octylphthalate	ND	260	96	ug/Kg	09/13/14	KCA	SW 8270
Fluoranthene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Fluorene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobutadiene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Isophorone	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Naphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Phenanthrene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Phenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Pyrene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Pyridine	ND	260	92	ug/Kg	09/13/14	KCA	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	95			%	09/13/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	74			%	09/13/14	KCA	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	87			%	09/13/14	KCA	25 - 121 %
% Nitrobenzene-d5	67			%	09/13/14	KCA	23 - 120 %
% Phenol-d5	84			%	09/13/14	KCA	24 - 113 %
% Terphenyl-d14	92			%	09/13/14	KCA	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

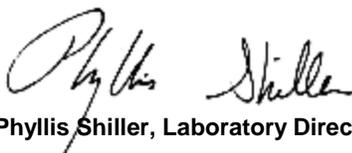
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**

# Sample Criteria Exceedences Report

## GBH13119 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BH13119	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	4.5	3.3	3.3	3.3	ug/Kg
BH13119	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.31	0.09	0.18	0.18	0.18	mg/Kg
BH13119	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	118	0.7	63	63	63	mg/Kg
BH13119	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	455	7.0	109	109	109	mg/Kg
BH13121	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	82	90	50	50	50	ug/Kg
BH13121	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	11000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	10000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	8000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1900	260	500	500	500	ug/Kg
BH13121	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	580	260	330	330	330	ug/Kg
BH13121	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3400	260	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	11000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	580	260	330	330	330	ug/Kg
BH13121	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	11000	1300	3900	3900	3900	ug/Kg
BH13121	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1900	260	500	500	500	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	8000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	10000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	11000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	11000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	8000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	260	500	500	500	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	10000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3400	260	800	800	800	ug/Kg
BH13121	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	11000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	580	260	330	330	330	ug/Kg
BH13121	\$PCB_SMRDP	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	160	38	100	100	100	ug/Kg
BH13121	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	27	3.3	3.3	3.3	ug/Kg
BH13121	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	38	14	14	14	ug/Kg
BH13121	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	19	5	5	5	ug/Kg
BH13121	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	19	5	5	5	ug/Kg
BH13121	\$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	38	20	20	20	ug/Kg
BH13121	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	27	3.3	3.3	3.3	ug/Kg
BH13121	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	27	3.3	3.3	3.3	ug/Kg
BH13121	\$PESTSMDPR	b-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	38	36	36	36	ug/Kg
BH13121	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	112	0.36	50	50	50	mg/kg
BH13121	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.66	0.07	0.18	0.18	0.18	mg/Kg
BH13121	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	352	7.1	63	63	63	mg/Kg
BH13121	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	956	7.1	109	109	109	mg/Kg
BH13123	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	340	110	50	50	50	ug/Kg
BH13123	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	7.0	3.3	3.3	3.3	ug/Kg

Criteria: NY: 375, 375RRS, 375RS

State: NY

## Sample Criteria Exceedences Report

### GBH13119 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH13123	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	77.6	0.37	50	50	mg/kg
BH13123	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.05	0.08	0.81	0.81	mg/Kg
BH13123	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.05	0.08	0.81	0.81	mg/Kg
BH13123	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.05	0.08	0.18	0.18	mg/Kg
BH13123	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	356	7.4	63	63	mg/Kg
BH13123	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	551	7.4	109	109	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

September 18, 2014

SDG I.D.: GBH13119

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes  No   
 Coolant: IPK  ICE  No   
 Temp 4 ° C Pg of

Contact Options:  
 Fax:  
 Phone: (631) 504-6000  
 Email: C.sosik@ebcincny.com

**NY/NJ CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Customer: Environmental Business Consultants  
 Address: 1808 Middle Country Road  
 Ridge, New York 11961

Project: FBI Metropolitan Avenue Brooklyn NY Project P.O.:  
 Report to: Environmental Business Consultants  
 Invoice to: Environmental Business Consultants

This section **MUST** be completed with **Bottle Quantities.**

Sampler's Signature: Rubin Lopez Date: 9/12/14  
 Client Sample - Information - Identification  
 Matrix Code: GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
13119	B1 0-25"	S	9-11-14	9:00	SOIL VOA Vials [X] methanol [X] H2O GL Soil container (8) oz 40 ml VOA Vial [X] HCl GL Amber 1000ml [X] As Is PL H2SO4 [ 250ml ] As Is PL HNO3 250ml Bacteria Bottle
13120	B1 12-14"	S		9:15	
13121	B2 0-25"	S		10:00	
13122	B2 12-14"	S		10:15	
13123	B3 0-25"	S		11:00	
13124	B3 12-14"	S		11:15	

Relinquished by: [Signature] Accepted by: [Signature]  
 Date: 9-12-14 12:15  
 Time: 9-2-14 11:04-9

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 5 Days  
 10 Days  
 Other  
 \* SURCHARGE APPLIES

NJ Res. Criteria  
 Non-Res. Criteria  
 Impact to GW Soil Cleanup Criteria  
 GW Criteria

NY TAGM 4046 GW  
 TAGM 4046 SOIL  
 NY375 Unrestricted Use Soil  
 NY375 Residential  
 Restricted/Residential  
 Commercial  
 Industrial

Data Format  
 Phoenix Std Report  
 Excel  
 PDF  
 GIS/Key  
 EQUIS  
 NJ Hazsite EDD  
 NY EZ EDD (ASP)  
 Other

Data Package  
 NJ Reduced Deliv.\*  
 NY Enhanced (ASP B)\*  
 Other

State where samples were collected: NY

Comments, Special Requirements or Regulations:



Wednesday, October 01, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 771 METROPOLITAN AVE  
Sample ID#s: BH15922 - BH15927

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

October 01, 2014

SDG I.D.: GBH15922

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Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

09/12/14  
 09/18/14

## Time

9:00  
 16:26

## Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15922

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB4 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.38	0.38	0.38	mg/Kg	09/22/14	EK	SW6010
Aluminum	6360	38	7.6	mg/Kg	09/22/14	EK	SW6010
Arsenic	15.1	0.8	0.76	mg/Kg	09/22/14	EK	SW6010
Barium	109	0.8	0.38	mg/Kg	09/22/14	EK	SW6010
Beryllium	0.35	0.31	0.15	mg/Kg	09/22/14	EK	SW6010
Calcium	7780	* 3.8	3.5	mg/Kg	09/22/14	EK	SW6010
Cadmium	1.45	* 0.38	0.15	mg/Kg	09/22/14	EK	SW6010
Cobalt	16.2	0.38	0.38	mg/Kg	09/22/14	EK	SW6010
Chromium	29.5	0.38	0.38	mg/Kg	09/22/14	EK	SW6010
Copper	200	3.8	3.8	mg/kg	09/22/14	EK	SW6010
Iron	81700	* 38	38	mg/Kg	09/22/14	EK	SW6010
Mercury	2.00	0.06	0.04	mg/Kg	09/22/14	RS	SW-7471
Potassium	1030	N 76	30	mg/Kg	09/22/14	EK	SW6010
Magnesium	1600	* 3.8	3.8	mg/Kg	09/22/14	EK	SW6010
Manganese	767	N 3.8	3.8	mg/Kg	09/22/14	EK	SW6010
Sodium	254	N 8	3.3	mg/Kg	09/22/14	EK	SW6010
Nickel	30.0	0.38	0.38	mg/Kg	09/22/14	EK	SW6010
Lead	491	7.6	3.8	mg/Kg	09/22/14	EK	SW6010
Antimony	4.6	1.9	1.9	mg/Kg	09/22/14	EK	SW6010
Selenium	1.9	1.5	1.3	mg/Kg	09/22/14	EK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/22/14	EK	SW6010
Vanadium	52.8	0.4	0.38	mg/Kg	09/22/14	EK	SW6010
Zinc	404	* 7.6	3.8	mg/Kg	09/22/14	EK	SW6010
Percent Solid	91			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	09/19/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	96			%	09/19/14	AW	30 - 150 %
% TCMX	90			%	09/19/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	2.6	2.6	ug/Kg	09/20/14	CE	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	09/20/14	CE	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	09/20/14	CE	SW8081
a-BHC	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
b-BHC	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Chlordane	ND	36	36	ug/Kg	09/20/14	CE	SW8081
d-BHC	7.7	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Endrin	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Endrin ketone	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
g-BHC	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Heptachlor	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Methoxychlor	ND	11	11	ug/Kg	09/20/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	09/20/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	108			%	09/20/14	CE	30 - 150 %
% TCMX	82			%	09/20/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.3	0.81	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.3	0.91	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	8.3	0.73	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	8.3	0.88	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	41	3.7	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	8.3	0.96	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	41	2.0	ug/Kg	09/22/14	JLI	SW8260
Acetone	80	JS 83	8.2	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	17	4.7	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	8.3	1.0	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	8.3	6.4	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	3.4	J 8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	8.3	0.96	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	8.3	1.9	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	8.3	4.3	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.3	0.90	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	8.3	0.93	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	8.3	1.0	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	8.3	3.3	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	15	J 50	7.2	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	17	2.3	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	3.4	JS 8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260

1

B

B\*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	8.3	3.2	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	8.3	2.4	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	17	7.5	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	17	15	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	8.3	2.7	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	101			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	95			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	95			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	91			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	510	260	ug/Kg	09/21/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
1,2-Dichlorobenzene	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	510	240	ug/Kg	09/21/14	DD	SW 8270
1,3-Dichlorobenzene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
1,4-Dichlorobenzene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	510	400	ug/Kg	09/21/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	510	230	ug/Kg	09/21/14	DD	SW 8270
2,4-Dichlorophenol	ND	510	260	ug/Kg	09/21/14	DD	SW 8270
2,4-Dimethylphenol	ND	510	180	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrophenol	ND	3700	510	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrotoluene	ND	510	290	ug/Kg	09/21/14	DD	SW 8270
2,6-Dinitrotoluene	ND	510	230	ug/Kg	09/21/14	DD	SW 8270
2-Chloronaphthalene	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
2-Chlorophenol	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
2-Methylnaphthalene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	330	330	ug/Kg	09/21/14	DD	SW 8270
2-Nitroaniline	ND	3700	740	ug/Kg	09/21/14	DD	SW 8270
2-Nitrophenol	ND	510	460	ug/Kg	09/21/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	510	290	ug/Kg	09/21/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	1500	340	ug/Kg	09/21/14	DD	SW 8270
3-Nitroaniline	ND	3700	1600	ug/Kg	09/21/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	3700	790	ug/Kg	09/21/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	510	260	ug/Kg	09/21/14	DD	SW 8270
4-Chloroaniline	ND	1500	340	ug/Kg	09/21/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	510	250	ug/Kg	09/21/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	3700	240	ug/Kg	09/21/14	DD	SW 8270
4-Nitrophenol	ND	3700	330	ug/Kg	09/21/14	DD	SW 8270
Acenaphthene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
Acenaphthylene	ND	510	200	ug/Kg	09/21/14	DD	SW 8270
Acetophenone	ND	510	230	ug/Kg	09/21/14	DD	SW 8270
Aniline	ND	3700	1500	ug/Kg	09/21/14	DD	SW 8270
Anthracene	ND	510	240	ug/Kg	09/21/14	DD	SW 8270
Benz(a)anthracene	610	510	250	ug/Kg	09/21/14	DD	SW 8270
Benzidine	ND	1500	430	ug/Kg	09/21/14	DD	SW 8270
Benzo(a)pyrene	570	510	240	ug/Kg	09/21/14	DD	SW 8270
Benzo(b)fluoranthene	850	510	250	ug/Kg	09/21/14	DD	SW 8270
Benzo(ghi)perylene	380	J 510	240	ug/Kg	09/21/14	DD	SW 8270
Benzo(k)fluoranthene	250	J 510	240	ug/Kg	09/21/14	DD	SW 8270
Benzoic acid	ND	3700	1500	ug/Kg	09/21/14	DD	SW 8270
Benzyl butyl phthalate	ND	510	190	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	510	200	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	510	200	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	510	200	ug/Kg	09/21/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
Carbazole	ND	3700	550	ug/Kg	09/21/14	DD	SW 8270
Chrysene	720	510	250	ug/Kg	09/21/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	330	240	ug/Kg	09/21/14	DD	SW 8270
Dibenzofuran	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
Diethyl phthalate	ND	510	230	ug/Kg	09/21/14	DD	SW 8270
Dimethylphthalate	ND	510	230	ug/Kg	09/21/14	DD	SW 8270
Di-n-butylphthalate	ND	510	190	ug/Kg	09/21/14	DD	SW 8270
Di-n-octylphthalate	ND	510	190	ug/Kg	09/21/14	DD	SW 8270
Fluoranthene	1400	510	240	ug/Kg	09/21/14	DD	SW 8270
Fluorene	ND	510	240	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobenzene	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobutadiene	ND	510	260	ug/Kg	09/21/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
Hexachloroethane	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	330	J 500	240	ug/Kg	09/21/14	DD	SW 8270
Isophorone	ND	510	200	ug/Kg	09/21/14	DD	SW 8270
Naphthalene	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
Nitrobenzene	ND	510	260	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodimethylamine	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	510	240	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	510	280	ug/Kg	09/21/14	DD	SW 8270
Pentachloronitrobenzene	ND	510	270	ug/Kg	09/21/14	DD	SW 8270
Pentachlorophenol	ND	510	280	ug/Kg	09/21/14	DD	SW 8270
Phenanthrene	910	510	210	ug/Kg	09/21/14	DD	SW 8270
Phenol	ND	330	230	ug/Kg	09/21/14	DD	SW 8270
Pyrene	1300	510	250	ug/Kg	09/21/14	DD	SW 8270
Pyridine	ND	510	180	ug/Kg	09/21/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	57			%	09/21/14	DD	19 - 122 %
% 2-Fluorobiphenyl	82			%	09/21/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	61			%	09/21/14	DD	25 - 121 %
% Nitrobenzene-d5	74			%	09/21/14	DD	23 - 120 %
% Phenol-d5	71			%	09/21/14	DD	24 - 113 %
% Terphenyl-d14	94			%	09/21/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

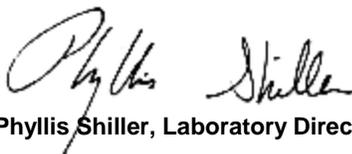
**Semi-Volatile Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/12/14  
 09/18/14

Time

9:15  
 16:26

Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15923

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB4 8-10 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	09/22/14	EK	SW6010
Aluminum	6720	37	7.5	mg/Kg	09/22/14	EK	SW6010
Arsenic	1.4	0.7	0.75	mg/Kg	09/22/14	EK	SW6010
Barium	17.3	0.7	0.37	mg/Kg	09/22/14	EK	SW6010
Beryllium	< 0.30	0.30	0.15	mg/Kg	09/22/14	EK	SW6010
Calcium	458	* 3.7	3.4	mg/Kg	09/22/14	EK	SW6010
Cadmium	< 0.37	* 0.37	0.15	mg/Kg	09/22/14	EK	SW6010
Cobalt	3.60	0.37	0.37	mg/Kg	09/22/14	EK	SW6010
Chromium	11.5	0.37	0.37	mg/Kg	09/22/14	EK	SW6010
Copper	5.10	N 0.37	0.37	mg/kg	09/22/14	EK	SW6010
Iron	13300	* 37	37	mg/Kg	09/22/14	EK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	09/22/14	RS	SW-7471
Potassium	592	N 75	29	mg/Kg	09/22/14	EK	SW6010
Magnesium	1050	* 3.7	3.7	mg/Kg	09/22/14	EK	SW6010
Manganese	1190	N 37	37	mg/Kg	09/23/14	EK	SW6010
Sodium	52	N 7	3.2	mg/Kg	09/22/14	EK	SW6010
Nickel	5.22	0.37	0.37	mg/Kg	09/22/14	EK	SW6010
Lead	10.3	7.5	3.7	mg/Kg	09/22/14	EK	SW6010
Antimony	< 1.9	1.9	1.9	mg/Kg	09/22/14	EK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	09/22/14	EK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/22/14	LK	SW6010
Vanadium	16.3	0.4	0.37	mg/Kg	09/22/14	EK	SW6010
Zinc	16.9	* 0.7	0.37	mg/Kg	09/22/14	EK	SW6010
Percent Solid	94			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	44			%	09/19/14	AW	30 - 150 %
% TCMX	46			%	09/19/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
4,4' -DDE	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
4,4' -DDT	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
a-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
b-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Chlordane	ND	35	35	ug/Kg	09/20/14	CE	SW8081
d-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Endosulfan I	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endosulfan II	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endosulfan sulfate	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin aldehyde	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
g-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Heptachlor	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Methoxychlor	ND	7.1	7.1	ug/Kg	09/20/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	09/20/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	52			%	09/20/14	CE	30 - 150 %
% TCMX	45			%	09/20/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.3	0.81	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.3	0.91	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	8.3	0.73	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	8.3	0.88	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	41	3.7	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	8.3	0.96	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	41	2.0	ug/Kg	09/22/14	JLI	SW8260
Acetone	17	JS 50	8.2	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	17	4.7	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	8.3	1.0	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	8.3	6.4	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	8.3	0.96	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	8.3	1.9	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	8.3	4.3	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.3	0.90	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	8.3	0.93	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	8.3	1.0	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	8.3	3.3	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	ND	50	7.2	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	17	2.3	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	ND	8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260

1

B\*

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	8.3	3.2	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	8.3	2.4	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	17	7.5	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	17	15	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	8.3	2.7	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	98			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	93			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	101			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	94			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	240	97	ug/Kg	09/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	09/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	240	86	ug/Kg	09/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	1700	240	ug/Kg	09/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	240	140	ug/Kg	09/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
2-Chloronaphthalene	ND	240	98	ug/Kg	09/19/14	DD	SW 8270
2-Chlorophenol	ND	240	98	ug/Kg	09/19/14	DD	SW 8270
2-Methylnaphthalene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	09/19/14	DD	SW 8270
2-Nitroaniline	ND	1700	350	ug/Kg	09/19/14	DD	SW 8270
2-Nitrophenol	ND	240	220	ug/Kg	09/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	240	140	ug/Kg	09/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	690	160	ug/Kg	09/19/14	DD	SW 8270
3-Nitroaniline	ND	1700	750	ug/Kg	09/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1700	370	ug/Kg	09/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
4-Chloroaniline	ND	690	160	ug/Kg	09/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	240	120	ug/Kg	09/19/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1700	120	ug/Kg	09/19/14	DD	SW 8270
4-Nitrophenol	ND	1700	160	ug/Kg	09/19/14	DD	SW 8270
Acenaphthene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
Acenaphthylene	ND	240	97	ug/Kg	09/19/14	DD	SW 8270
Acetophenone	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Aniline	ND	1700	700	ug/Kg	09/19/14	DD	SW 8270
Anthracene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Benz(a)anthracene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
Benzidine	ND	690	200	ug/Kg	09/19/14	DD	SW 8270
Benzo(a)pyrene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Benzo(b)fluoranthene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
Benzo(ghi)perylene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Benzo(k)fluoranthene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Benzoic acid	ND	1700	690	ug/Kg	09/19/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	240	89	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	240	95	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	240	93	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	96	ug/Kg	09/19/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	240	99	ug/Kg	09/19/14	DD	SW 8270
Carbazole	ND	1700	260	ug/Kg	09/19/14	DD	SW 8270
Chrysene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Dibenzofuran	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
Diethyl phthalate	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Dimethylphthalate	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Di-n-butylphthalate	ND	240	92	ug/Kg	09/19/14	DD	SW 8270
Di-n-octylphthalate	ND	240	89	ug/Kg	09/19/14	DD	SW 8270
Fluoranthene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Fluorene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Hexachlorobenzene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
Hexachlorobutadiene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Hexachloroethane	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Isophorone	ND	240	97	ug/Kg	09/19/14	DD	SW 8270
Naphthalene	ND	240	99	ug/Kg	09/19/14	DD	SW 8270
Nitrobenzene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	240	97	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	09/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	240	130	ug/Kg	09/19/14	DD	SW 8270
Pentachlorophenol	ND	240	130	ug/Kg	09/19/14	DD	SW 8270
Phenanthrene	ND	240	99	ug/Kg	09/19/14	DD	SW 8270
Phenol	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Pyrene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
Pyridine	ND	240	85	ug/Kg	09/19/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	72			%	09/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	87			%	09/19/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	61			%	09/19/14	DD	25 - 121 %
% Nitrobenzene-d5	75			%	09/19/14	DD	23 - 120 %
% Phenol-d5	72			%	09/19/14	DD	24 - 113 %
% Terphenyl-d14	102			%	09/19/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

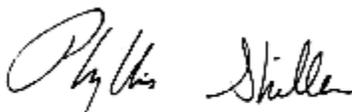
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**



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# Analysis Report

October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

09/12/14  
 09/18/14

## Time

9:45  
 16:26

## Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15924

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB5 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	23.3	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Aluminum	7070	34	6.9	mg/Kg	09/22/14	EK	SW6010
Arsenic	25.1	0.7	0.69	mg/Kg	09/22/14	EK	SW6010
Barium	528	0.7	0.34	mg/Kg	09/22/14	EK	SW6010
Beryllium	0.22	B 0.27	0.14	mg/Kg	09/22/14	EK	SW6010
Calcium	10700	* 34	32	mg/Kg	09/22/14	EK	SW6010
Cadmium	6.02	* 0.34	0.14	mg/Kg	09/22/14	EK	SW6010
Cobalt	21.4	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Chromium	55.5	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Copper	593	3.4	3.4	mg/kg	09/22/14	EK	SW6010
Iron	75100	* 34	34	mg/Kg	09/22/14	EK	SW6010
Mercury	41.3	3.9	2.3	mg/Kg	09/22/14	RS	SW-7471
Potassium	1090	N 69	27	mg/Kg	09/22/14	EK	SW6010
Magnesium	4340	* 3.4	3.4	mg/Kg	09/22/14	EK	SW6010
Manganese	688	N 3.4	3.4	mg/Kg	09/22/14	EK	SW6010
Sodium	799	N 7	2.9	mg/Kg	09/22/14	EK	SW6010
Nickel	77.7	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Lead	18100	690	340	mg/Kg	09/24/14	EK	SW6010
Antimony	37.6	1.7	1.7	mg/Kg	09/22/14	EK	SW6010
Selenium	3.4	1.4	1.2	mg/Kg	09/22/14	EK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	09/22/14	EK	SW6010
Vanadium	32.4	0.3	0.34	mg/Kg	09/22/14	EK	SW6010
Zinc	2490	* 69	34	mg/Kg	09/23/14	EK	SW6010
Percent Solid	90			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/19/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	90			%	09/19/14	AW	30 - 150 %
% TCMX	84			%	09/19/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	13	13	ug/Kg	09/23/14	CE	SW8081
4,4' -DDE	ND	13	13	ug/Kg	09/23/14	CE	SW8081
4,4' -DDT	ND	13	13	ug/Kg	09/23/14	CE	SW8081
a-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
a-Chlordane	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Aldrin	ND	9.2	9.2	ug/Kg	09/23/14	CE	SW8081
b-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Chlordane	ND	180	180	ug/Kg	09/23/14	CE	SW8081
d-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Dieldrin	ND	9.2	9.2	ug/Kg	09/23/14	CE	SW8081
Endosulfan I	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endosulfan II	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endosulfan sulfate	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin aldehyde	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin ketone	ND	9.2	9.2	ug/Kg	09/23/14	CE	SW8081
g-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
g-Chlordane	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Heptachlor	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Heptachlor epoxide	ND	9.2	9.2	ug/Kg	09/23/14	CE	SW8081
Methoxychlor	ND	37	37	ug/Kg	09/23/14	CE	SW8081
Toxaphene	ND	920	920	ug/Kg	09/23/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	Diluted Out			%	09/23/14	CE	30 - 150 %
% TCMX	89			%	09/23/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	10	1.7	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	10	1.0	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	10	2.2	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	10	2.7	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	10	2.7	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	10	1.1	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	10	0.90	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	10	1.3	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	10	1.1	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	10	1.6	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	10	1.7	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	10	1.6	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	51	4.6	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	10	1.4	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	10	1.2	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	51	2.4	ug/Kg	09/22/14	JLI	SW8260
Acetone	23	JS 50	10	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	20	5.7	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	10	1.3	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	10	1.3	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	10	1.4	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	10	7.9	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	7.4	J 10	1.7	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	10	1.2	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	10	2.4	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	10	1.9	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	10	5.4	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	10	2.2	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	10	1.1	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	10	1.1	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	10	1.3	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	10	2.7	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	10	1.9	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	10	2.1	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	10	4.0	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	ND	61	8.9	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	20	2.8	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	2.7	JS 10	1.7	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	1800	280	75	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	10	1.9	ug/Kg	09/22/14	JLI	SW8260

1

B\*

B\*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	10	1.8	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	10	3.9	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	10	1.9	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	10	2.9	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	10	1.6	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	10	2.1	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	20	9.2	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	10	1.6	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	10	2.1	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	20	19	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	10	2.2	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	10	2.3	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	10	1.6	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	10	3.3	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	100			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	88			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	105			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	95			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	2600	1300	ug/Kg	09/21/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
1,2-Dichlorobenzene	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
1,3-Dichlorobenzene	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
1,4-Dichlorobenzene	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	2600	2000	ug/Kg	09/21/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
2,4-Dichlorophenol	ND	2600	1300	ug/Kg	09/21/14	DD	SW 8270
2,4-Dimethylphenol	ND	2600	910	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrophenol	ND	18000	2600	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrotoluene	ND	2600	1500	ug/Kg	09/21/14	DD	SW 8270
2,6-Dinitrotoluene	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
2-Chloronaphthalene	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
2-Chlorophenol	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
2-Methylnaphthalene	1100	J 2600	1100	ug/Kg	09/21/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	2600	1700	ug/Kg	09/21/14	DD	SW 8270
2-Nitroaniline	ND	18000	3700	ug/Kg	09/21/14	DD	SW 8270
2-Nitrophenol	ND	2600	2300	ug/Kg	09/21/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	2600	1500	ug/Kg	09/21/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	7400	1700	ug/Kg	09/21/14	DD	SW 8270
3-Nitroaniline	ND	18000	8000	ug/Kg	09/21/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	18000	4000	ug/Kg	09/21/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	2600	1300	ug/Kg	09/21/14	DD	SW 8270
4-Chloroaniline	ND	7400	1700	ug/Kg	09/21/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	18000	1200	ug/Kg	09/21/14	DD	SW 8270
4-Nitrophenol	ND	18000	1700	ug/Kg	09/21/14	DD	SW 8270
Acenaphthene	3800	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Acenaphthylene	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
Acetophenone	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Aniline	ND	18000	7400	ug/Kg	09/21/14	DD	SW 8270
Anthracene	7100	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Benz(a)anthracene	11000	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Benzidine	ND	7400	2200	ug/Kg	09/21/14	DD	SW 8270
Benzo(a)pyrene	10000	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Benzo(b)fluoranthene	13000	2600	1300	ug/Kg	09/21/14	DD	SW 8270
Benzo(ghi)perylene	6300	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Benzo(k)fluoranthene	4400	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Benzoic acid	ND	18000	7400	ug/Kg	09/21/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	2600	950	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	2600	990	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Carbazole	6700	J 18000	2800	ug/Kg	09/21/14	DD	SW 8270
Chrysene	12000	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Dibenzofuran	2800	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Diethyl phthalate	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Dimethylphthalate	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Di-n-butylphthalate	ND	2600	980	ug/Kg	09/21/14	DD	SW 8270
Di-n-octylphthalate	ND	2600	950	ug/Kg	09/21/14	DD	SW 8270
Fluoranthene	25000	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Fluorene	3800	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobenzene	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobutadiene	ND	2600	1300	ug/Kg	09/21/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Hexachloroethane	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	5600	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Isophorone	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
Naphthalene	2800	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Nitrobenzene	ND	2600	1300	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodimethylamine	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	2600	1400	ug/Kg	09/21/14	DD	SW 8270
Pentachloronitrobenzene	ND	2600	1400	ug/Kg	09/21/14	DD	SW 8270
Pentachlorophenol	ND	2600	1400	ug/Kg	09/21/14	DD	SW 8270
Phenanthrene	26000	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Phenol	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Pyrene	23000	2600	1300	ug/Kg	09/21/14	DD	SW 8270
Pyridine	ND	2600	910	ug/Kg	09/21/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	Diluted Out			%	09/21/14	DD	19 - 122 %
% 2-Fluorobiphenyl	Diluted Out			%	09/21/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	Diluted Out			%	09/21/14	DD	25 - 121 %
% Nitrobenzene-d5	Diluted Out			%	09/21/14	DD	23 - 120 %
% Phenol-d5	Diluted Out			%	09/21/14	DD	24 - 113 %
% Terphenyl-d14	Diluted Out			%	09/21/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

**Semi-Volatile Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatiles analysis.

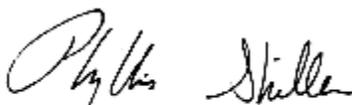
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**



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# Analysis Report

October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

09/12/14  
 09/18/14

## Time

10:00  
 16:26

## Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15925

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB5 8-10 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Aluminum	8090	34	6.9	mg/Kg	09/22/14	EK	SW6010
Arsenic	< 0.7	0.7	0.69	mg/Kg	09/22/14	EK	SW6010
Barium	23.1	0.7	0.34	mg/Kg	09/22/14	EK	SW6010
Beryllium	0.45	0.28	0.14	mg/Kg	09/22/14	EK	SW6010
Calcium	1640	* 3.4	3.2	mg/Kg	09/22/14	EK	SW6010
Cadmium	< 0.34	* 0.34	0.14	mg/Kg	09/22/14	EK	SW6010
Cobalt	8.01	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Chromium	17.7	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Copper	14.2	N 0.34	0.34	mg/kg	09/22/14	EK	SW6010
Iron	18200	* 34	34	mg/Kg	09/22/14	EK	SW6010
Mercury	< 0.06	0.06	0.04	mg/Kg	09/22/14	RS	SW-7471
Potassium	762	N 69	27	mg/Kg	09/22/14	EK	SW6010
Magnesium	1350	* 3.4	3.4	mg/Kg	09/22/14	EK	SW6010
Manganese	575	N 3.4	3.4	mg/Kg	09/22/14	EK	SW6010
Sodium	86	N 7	3.0	mg/Kg	09/22/14	EK	SW6010
Nickel	9.02	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Lead	202	6.9	3.4	mg/Kg	09/22/14	EK	SW6010
Antimony	< 1.7	1.7	1.7	mg/Kg	09/22/14	EK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	09/22/14	EK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	09/22/14	LK	SW6010
Vanadium	29.1	0.3	0.34	mg/Kg	09/22/14	EK	SW6010
Zinc	25.1	* 0.7	0.34	mg/Kg	09/22/14	EK	SW6010
Percent Solid	92			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	09/19/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	84			%	09/19/14	AW	30 - 150 %
% TCMX	91			%	09/19/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
4,4' -DDE	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
4,4' -DDT	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
a-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
b-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Chlordane	ND	35	35	ug/Kg	09/20/14	CE	SW8081
d-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Endosulfan I	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endosulfan II	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endosulfan sulfate	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin aldehyde	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin ketone	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
g-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Heptachlor	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Methoxychlor	ND	7.0	7.0	ug/Kg	09/20/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	09/20/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	92			%	09/20/14	CE	30 - 150 %
% TCMX	78			%	09/20/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	8.9	1.5	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.9	0.87	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.9	1.9	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	8.9	1.7	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.9	2.4	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	8.9	2.4	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.9	0.98	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	8.9	0.78	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.9	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	8.9	0.94	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	8.9	1.5	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	45	4.0	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	8.9	1.2	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	8.9	1.0	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	45	2.1	ug/Kg	09/22/14	JLI	SW8260
Acetone	13 JS	50	8.9	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	18	5.0	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	8.9	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	8.9	1.1	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	8.9	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	8.9	6.9	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	8.9	1.0	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	8.9	2.1	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	8.9	1.6	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	8.9	4.7	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.9	1.9	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.9	0.96	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	8.9	1.0	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	8.9	1.1	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.9	2.4	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	8.9	1.6	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	8.9	1.9	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	8.9	1.7	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	8.9	3.5	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	ND	53	7.7	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	18	2.5	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	ND	8.9	1.5	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	ND	8.9	2.4	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	8.9	1.6	ug/Kg	09/22/14	JLI	SW8260

1

B\*

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	8.9	1.6	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	8.9	3.4	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	8.9	1.7	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	8.9	2.6	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	8.9	1.9	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	18	8.0	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	18	17	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	8.9	1.9	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	8.9	2.0	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	8.9	2.9	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	98			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	97			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	105			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	96			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
1,2-Dichlorobenzene	ND	250	99	ug/Kg	09/22/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
1,3-Dichlorobenzene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
1,4-Dichlorobenzene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	09/22/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
2,4-Dichlorophenol	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
2,4-Dimethylphenol	ND	250	87	ug/Kg	09/22/14	DD	SW 8270
2,4-Dinitrophenol	ND	1800	250	ug/Kg	09/22/14	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	09/22/14	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
2-Methylnaphthalene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	160	ug/Kg	09/22/14	DD	SW 8270
2-Nitroaniline	ND	1800	350	ug/Kg	09/22/14	DD	SW 8270
2-Nitrophenol	ND	250	220	ug/Kg	09/22/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	09/22/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	700	170	ug/Kg	09/22/14	DD	SW 8270
3-Nitroaniline	ND	1800	760	ug/Kg	09/22/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	09/22/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
4-Chloroaniline	ND	700	160	ug/Kg	09/22/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	09/22/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1800	120	ug/Kg	09/22/14	DD	SW 8270
4-Nitrophenol	ND	1800	160	ug/Kg	09/22/14	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Acenaphthylene	ND	250	98	ug/Kg	09/22/14	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Aniline	ND	1800	710	ug/Kg	09/22/14	DD	SW 8270
Anthracene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Benz(a)anthracene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Benzidine	ND	700	210	ug/Kg	09/22/14	DD	SW 8270
Benzo(a)pyrene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Benzo(b)fluoranthene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Benzo(ghi)perylene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Benzo(k)fluoranthene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Benzoic acid	ND	1800	700	ug/Kg	09/22/14	DD	SW 8270
Benzyl butyl phthalate	ND	250	91	ug/Kg	09/22/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	97	ug/Kg	09/22/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	95	ug/Kg	09/22/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	98	ug/Kg	09/22/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
Carbazole	ND	1800	270	ug/Kg	09/22/14	DD	SW 8270
Chrysene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Dibenzofuran	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Di-n-butylphthalate	ND	250	93	ug/Kg	09/22/14	DD	SW 8270
Di-n-octylphthalate	ND	250	91	ug/Kg	09/22/14	DD	SW 8270
Fluoranthene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Hexachlorobenzene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	09/22/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Isophorone	ND	250	98	ug/Kg	09/22/14	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
Nitrobenzene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
N-Nitrosodimethylamine	ND	250	99	ug/Kg	09/22/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	250	130	ug/Kg	09/22/14	DD	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	09/22/14	DD	SW 8270
Pentachlorophenol	ND	250	130	ug/Kg	09/22/14	DD	SW 8270
Phenanthrene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
Phenol	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Pyrene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Pyridine	ND	250	86	ug/Kg	09/22/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	78			%	09/22/14	DD	19 - 122 %
% 2-Fluorobiphenyl	92			%	09/22/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	74			%	09/22/14	DD	25 - 121 %
% Nitrobenzene-d5	83			%	09/22/14	DD	23 - 120 %
% Phenol-d5	81			%	09/22/14	DD	24 - 113 %
% Terphenyl-d14	101			%	09/22/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

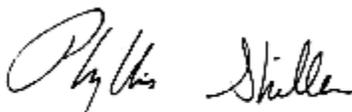
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**



Environmental Laboratories, Inc.  
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**Analysis Report**  
 October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/12/14  
 09/18/14

Time

10:30  
 16:26

Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15926

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB6 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	0.48	0.33	0.33	mg/Kg	09/22/14	EK	SW6010
Aluminum	7160	33	6.5	mg/Kg	09/22/14	EK	SW6010
Arsenic	8.3	0.7	0.65	mg/Kg	09/22/14	EK	SW6010
Barium	167	0.7	0.33	mg/Kg	09/22/14	EK	SW6010
Beryllium	0.27	0.26	0.13	mg/Kg	09/22/14	EK	SW6010
Calcium	23600	* 33	30	mg/Kg	09/22/14	EK	SW6010
Cadmium	1.03	* 0.33	0.13	mg/Kg	09/22/14	EK	SW6010
Cobalt	8.21	0.33	0.33	mg/Kg	09/22/14	EK	SW6010
Chromium	23.4	0.33	0.33	mg/Kg	09/22/14	EK	SW6010
Copper	153	3.3	3.3	mg/kg	09/22/14	EK	SW6010
Iron	21800	* 33	33	mg/Kg	09/22/14	EK	SW6010
Mercury	2.05	0.09	0.05	mg/Kg	09/22/14	RS	SW-7471
Potassium	1660	N 65	26	mg/Kg	09/22/14	EK	SW6010
Magnesium	2850	* 3.3	3.3	mg/Kg	09/22/14	EK	SW6010
Manganese	280	N 3.3	3.3	mg/Kg	09/22/14	EK	SW6010
Sodium	1120	N 7	2.8	mg/Kg	09/22/14	EK	SW6010
Nickel	19.6	0.33	0.33	mg/Kg	09/22/14	EK	SW6010
Lead	663	6.5	3.3	mg/Kg	09/22/14	EK	SW6010
Antimony	15.5	1.6	1.6	mg/Kg	09/22/14	LK	SW6010
Selenium	< 1.3	1.3	1.1	mg/Kg	09/22/14	LK	SW6010
Thallium	< 1.3	1.3	1.3	mg/Kg	09/22/14	LK	SW6010
Vanadium	27.6	0.3	0.33	mg/Kg	09/22/14	EK	SW6010
Zinc	445	* 6.5	3.3	mg/Kg	09/22/14	EK	SW6010
Percent Solid	91			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	84			%	09/20/14	AW	30 - 150 %
% TCMX	86			%	09/20/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	13	13	ug/Kg	09/23/14	CE	SW8081
4,4' -DDE	ND	13	13	ug/Kg	09/23/14	CE	SW8081
4,4' -DDT	ND	13	13	ug/Kg	09/23/14	CE	SW8081
a-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
a-Chlordane	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Aldrin	ND	9.1	9.1	ug/Kg	09/23/14	CE	SW8081
b-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Chlordane	ND	180	180	ug/Kg	09/23/14	CE	SW8081
d-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Dieldrin	ND	9.1	9.1	ug/Kg	09/23/14	CE	SW8081
Endosulfan I	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endosulfan II	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endosulfan sulfate	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin aldehyde	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin ketone	ND	9.1	9.1	ug/Kg	09/23/14	CE	SW8081
g-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
g-Chlordane	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Heptachlor	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Heptachlor epoxide	ND	9.1	9.1	ug/Kg	09/23/14	CE	SW8081
Methoxychlor	ND	36	36	ug/Kg	09/23/14	CE	SW8081
Toxaphene	ND	910	910	ug/Kg	09/23/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	107			%	09/23/14	CE	30 - 150 %
% TCMX	87			%	09/23/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.0	0.78	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.0	1.7	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.0	2.1	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	8.0	2.1	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.0	0.88	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	8.0	0.70	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.0	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	8.0	0.84	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	40	3.6	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	8.0	0.92	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	40	1.9	ug/Kg	09/22/14	JLI	SW8260
Acetone	85	S 80	7.9	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	16	4.5	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	8.0	1.0	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	8.0	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	8.0	0.99	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	8.0	6.1	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	8.0	0.92	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	8.0	1.2	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	8.0	1.9	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	8.0	4.2	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.0	1.7	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.0	0.86	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	8.0	0.89	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	8.0	1.0	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.0	2.1	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	8.0	1.7	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	8.0	3.1	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	16	J 48	6.9	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	16	2.2	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	1.4	JS 8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	ND	8.0	2.1	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260

1

B

B\*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	8.0	1.4	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	8.0	3.0	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	8.0	2.3	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	8.0	1.7	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	16	7.2	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	16	15	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	8.0	1.7	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	8.0	1.8	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.0	1.2	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	8.0	2.6	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	94			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	91			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	89			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	93			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
1,2-Dichlorobenzene	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
1,3-Dichlorobenzene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
1,4-Dichlorobenzene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	2500	2000	ug/Kg	09/21/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
2,4-Dichlorophenol	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
2,4-Dimethylphenol	ND	2500	900	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrophenol	ND	18000	2500	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrotoluene	ND	2500	1400	ug/Kg	09/21/14	DD	SW 8270
2,6-Dinitrotoluene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
2-Chloronaphthalene	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
2-Chlorophenol	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
2-Methylnaphthalene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	2500	1700	ug/Kg	09/21/14	DD	SW 8270
2-Nitroaniline	ND	18000	3600	ug/Kg	09/21/14	DD	SW 8270
2-Nitrophenol	ND	2500	2300	ug/Kg	09/21/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	2500	1400	ug/Kg	09/21/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	7200	1700	ug/Kg	09/21/14	DD	SW 8270
3-Nitroaniline	ND	18000	7900	ug/Kg	09/21/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	18000	3900	ug/Kg	09/21/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
4-Chloroaniline	ND	7200	1700	ug/Kg	09/21/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	18000	1200	ug/Kg	09/21/14	DD	SW 8270
4-Nitrophenol	ND	18000	1600	ug/Kg	09/21/14	DD	SW 8270
Acenaphthene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Acenaphthylene	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Acetophenone	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Aniline	ND	18000	7300	ug/Kg	09/21/14	DD	SW 8270
Anthracene	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benz(a)anthracene	3600	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benzidine	ND	7200	2100	ug/Kg	09/21/14	DD	SW 8270
Benzo(a)pyrene	3400	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benzo(b)fluoranthene	4700	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benzo(ghi)perylene	2000	J 2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benzo(k)fluoranthene	1500	J 2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benzoic acid	ND	18000	7200	ug/Kg	09/21/14	DD	SW 8270
Benzyl butyl phthalate	ND	2500	930	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	2500	970	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Carbazole	ND	18000	2700	ug/Kg	09/21/14	DD	SW 8270
Chrysene	3800	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Dibenzofuran	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Diethyl phthalate	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Dimethylphthalate	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Di-n-butylphthalate	ND	2500	960	ug/Kg	09/21/14	DD	SW 8270
Di-n-octylphthalate	ND	2500	930	ug/Kg	09/21/14	DD	SW 8270
Fluoranthene	9000	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Fluorene	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobenzene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobutadiene	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Hexachloroethane	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	1800	J 2500	1200	ug/Kg	09/21/14	DD	SW 8270
Isophorone	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Naphthalene	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Nitrobenzene	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodimethylamine	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	2500	1400	ug/Kg	09/21/14	DD	SW 8270
Pentachloronitrobenzene	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
Pentachlorophenol	ND	2500	1400	ug/Kg	09/21/14	DD	SW 8270
Phenanthrene	5900	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Phenol	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Pyrene	8000	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Pyridine	ND	2500	890	ug/Kg	09/21/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	Diluted Out			%	09/21/14	DD	19 - 122 %
% 2-Fluorobiphenyl	Diluted Out			%	09/21/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	Diluted Out			%	09/21/14	DD	25 - 121 %
% Nitrobenzene-d5	Diluted Out			%	09/21/14	DD	23 - 120 %
% Phenol-d5	Diluted Out			%	09/21/14	DD	24 - 113 %
% Terphenyl-d14	Diluted Out			%	09/21/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

**Semi-Volatile Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatiles analysis.

**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**



Environmental Laboratories, Inc.  
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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

09/12/14  
 09/18/14

## Time

10:45  
 16:26

## Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15927

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB6 12-14 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	09/22/14	EK	SW6010
Aluminum	8420	36	7.3	mg/Kg	09/22/14	EK	SW6010
Arsenic	< 0.7	0.7	0.73	mg/Kg	09/22/14	EK	SW6010
Barium	28.7	0.7	0.36	mg/Kg	09/22/14	EK	SW6010
Beryllium	0.75	0.29	0.15	mg/Kg	09/22/14	EK	SW6010
Calcium	458	* 3.6	3.4	mg/Kg	09/22/14	EK	SW6010
Cadmium	0.46	* 0.36	0.15	mg/Kg	09/22/14	EK	SW6010
Cobalt	9.81	0.36	0.36	mg/Kg	09/22/14	EK	SW6010
Chromium	28.4	0.36	0.36	mg/Kg	09/22/14	EK	SW6010
Copper	23.1	N 0.36	0.36	mg/kg	09/22/14	EK	SW6010
Iron	57900	* 36	36	mg/Kg	09/22/14	EK	SW6010
Mercury	< 0.08	0.08	0.05	mg/Kg	09/22/14	RS	SW-7471
Potassium	1250	N 73	28	mg/Kg	09/22/14	EK	SW6010
Magnesium	1530	* 3.6	3.6	mg/Kg	09/22/14	EK	SW6010
Manganese	596	N 3.6	3.6	mg/Kg	09/22/14	EK	SW6010
Sodium	60	N 7	3.1	mg/Kg	09/22/14	EK	SW6010
Nickel	13.8	0.36	0.36	mg/Kg	09/22/14	EK	SW6010
Lead	8.9	0.7	0.36	mg/Kg	09/22/14	EK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/22/14	EK	SW6010
Selenium	< 1.5	1.5	1.2	mg/Kg	09/22/14	EK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/22/14	EK	SW6010
Vanadium	33.9	0.4	0.36	mg/Kg	09/22/14	EK	SW6010
Zinc	37.5	* 0.7	0.36	mg/Kg	09/22/14	EK	SW6010
Percent Solid	88			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1260	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	75			%	09/20/14	AW	30 - 150 %
% TCMX	84			%	09/20/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	14	14	ug/Kg	09/23/14	CE	SW8081
4,4' -DDE	ND	14	14	ug/Kg	09/23/14	CE	SW8081
4,4' -DDT	ND	14	14	ug/Kg	09/23/14	CE	SW8081
a-BHC	ND	19	19	ug/Kg	09/23/14	CE	SW8081
a-Chlordane	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Aldrin	ND	9.4	9.4	ug/Kg	09/23/14	CE	SW8081
b-BHC	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Chlordane	ND	190	190	ug/Kg	09/23/14	CE	SW8081
d-BHC	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Dieldrin	ND	9.4	9.4	ug/Kg	09/23/14	CE	SW8081
Endosulfan I	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Endosulfan II	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Endosulfan sulfate	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Endrin	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Endrin aldehyde	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Endrin ketone	ND	9.4	9.4	ug/Kg	09/23/14	CE	SW8081
g-BHC	ND	19	19	ug/Kg	09/23/14	CE	SW8081
g-Chlordane	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Heptachlor	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Heptachlor epoxide	ND	9.4	9.4	ug/Kg	09/23/14	CE	SW8081
Methoxychlor	ND	38	38	ug/Kg	09/23/14	CE	SW8081
Toxaphene	ND	940	940	ug/Kg	09/23/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	72			%	09/23/14	CE	30 - 150 %
% TCMX	90			%	09/23/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	7.3	0.71	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	7.3	1.4	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	7.3	1.6	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	7.3	1.4	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	7.3	1.9	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	7.3	1.9	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	7.3	0.80	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	7.3	0.64	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	7.3	0.96	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	7.3	0.77	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	36	3.3	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	7.3	0.84	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	36	1.7	ug/Kg	09/22/14	JLI	SW8260
Acetone	9.6	JS 50	7.2	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	15	4.1	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	7.3	1.4	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	7.3	0.95	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	7.3	0.90	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	7.3	5.6	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	7.3	0.84	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	7.3	1.7	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	7.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	7.3	3.8	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	7.3	1.6	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	7.3	0.79	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	7.3	0.81	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	7.3	0.92	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	7.3	1.9	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	7.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	7.3	1.4	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	7.3	2.9	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	ND	44	6.3	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	15	2.0	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	ND	7.3	1.9	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	7.3	1.3	ug/Kg	09/22/14	JLI	SW8260

1

B\*

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	7.3	1.3	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	7.3	2.8	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	7.3	1.4	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	7.3	2.1	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	15	6.5	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	15	13	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	7.3	1.6	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	7.3	2.4	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	95			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	96			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	101			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	95			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	09/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	260	93	ug/Kg	09/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	1900	260	ug/Kg	09/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	09/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	09/19/14	DD	SW 8270
2-Nitroaniline	ND	1900	380	ug/Kg	09/19/14	DD	SW 8270
2-Nitrophenol	ND	260	240	ug/Kg	09/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	09/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	09/19/14	DD	SW 8270
3-Nitroaniline	ND	1900	810	ug/Kg	09/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	09/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
4-Chloroaniline	ND	750	170	ug/Kg	09/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	09/19/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	09/19/14	DD	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	09/19/14	DD	SW 8270
Acenaphthene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Acetophenone	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Aniline	ND	1900	760	ug/Kg	09/19/14	DD	SW 8270
Anthracene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Benz(a)anthracene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
Benzidine	ND	750	220	ug/Kg	09/19/14	DD	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Benzo(k)fluoranthene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Benzoic acid	ND	1900	750	ug/Kg	09/19/14	DD	SW 8270
Benzyl butyl phthalate	ND	260	97	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Carbazole	ND	1900	280	ug/Kg	09/19/14	DD	SW 8270
Chrysene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Dimethylphthalate	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Di-n-butylphthalate	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Di-n-octylphthalate	ND	260	97	ug/Kg	09/19/14	DD	SW 8270
Fluoranthene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Fluorene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Hexachlorobutadiene	ND	260	140	ug/Kg	09/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Isophorone	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Naphthalene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/19/14	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/19/14	DD	SW 8270
Phenanthrene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Phenol	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Pyrene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
Pyridine	ND	260	92	ug/Kg	09/19/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	74			%	09/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	81			%	09/19/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	67			%	09/19/14	DD	25 - 121 %
% Nitrobenzene-d5	75			%	09/19/14	DD	23 - 120 %
% Phenol-d5	77			%	09/19/14	DD	24 - 113 %
% Terphenyl-d14	110			%	09/19/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

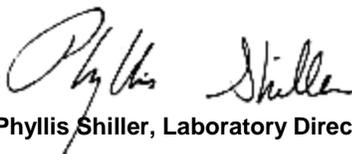
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**

# Sample Criteria Exceedences Report

## GBH15922 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BH15922	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	80	83	50	50	50	ug/Kg
BH15922	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	15.1	0.8	13	13	13	mg/Kg
BH15922	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	200	3.8	50	50	50	mg/kg
BH15922	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.00	0.06	0.81	0.81	0.81	mg/Kg
BH15922	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.00	0.06	0.81	0.81	0.81	mg/Kg
BH15922	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.00	0.06	0.18	0.18	0.18	mg/Kg
BH15922	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	491	7.6	400	400	400	mg/Kg
BH15922	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	491	7.6	400	400	400	mg/Kg
BH15922	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	491	7.6	63	63	63	mg/Kg
BH15922	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	404	7.6	109	109	109	mg/Kg
BH15924	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	12000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	13000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	10000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	5600	2600	500	500	500	ug/Kg
BH15924	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4400	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	2600	2400	2400	2400	ug/Kg
BH15924	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	330	330	330	ug/Kg
BH15924	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	11000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	5600	2600	500	500	500	ug/Kg
BH15924	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	330	330	330	ug/Kg
BH15924	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	12000	2600	3900	3900	3900	ug/Kg
BH15924	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	10000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4400	2600	3900	3900	3900	ug/Kg
BH15924	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	11000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	13000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	12000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	10000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	13000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	330	ug/Kg
BH15924	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5600	2600	500	500	500	ug/Kg
BH15924	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	330	ug/Kg
BH15924	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	800	800	800	ug/Kg
BH15924	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	330	ug/Kg
BH15924	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4400	2600	800	800	800	ug/Kg
BH15924	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	11000	2600	1000	1000	1000	ug/Kg
BH15924	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	18	14	14	14	ug/Kg
BH15924	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg
BH15924	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.2	5	5	5	ug/Kg
BH15924	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg
BH15924	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.2	5	5	5	ug/Kg
BH15924	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg

# Sample Criteria Exceedences Report

## GBH15922 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BH15924	AG-SM	Silver	NY / 375-6.8 Metals / Unrestricted Use Soil	23.3	0.34	2	2	2	mg/Kg
BH15924	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	25.1	0.7	16	16	16	mg/Kg
BH15924	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	25.1	0.7	16	16	16	mg/Kg
BH15924	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	25.1	0.7	13	13	13	mg/Kg
BH15924	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	528	0.7	350	350	350	mg/Kg
BH15924	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	528	0.7	400	400	400	mg/Kg
BH15924	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	528	0.7	350	350	350	mg/Kg
BH15924	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	6.02	0.34	2.5	2.5	2.5	mg/Kg
BH15924	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential Restricted	6.02	0.34	4.3	4.3	4.3	mg/Kg
BH15924	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	6.02	0.34	2.5	2.5	2.5	mg/Kg
BH15924	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	55.5	0.34	30			mg/Kg
BH15924	CU-SM	Copper	NY / 375-6.8 Metals / Residential	593	3.4	270	270	270	mg/kg
BH15924	CU-SM	Copper	NY / 375-6.8 Metals / Residential Restricted	593	3.4	270	270	270	mg/kg
BH15924	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	593	3.4	50	50	50	mg/kg
BH15924	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	41.3	3.9	0.81	0.81	0.81	mg/Kg
BH15924	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	41.3	3.9	0.81	0.81	0.81	mg/Kg
BH15924	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	41.3	3.9	0.18	0.18	0.18	mg/Kg
BH15924	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	77.7	0.34	30	30	30	mg/Kg
BH15924	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	18100	690	400	400	400	mg/Kg
BH15924	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	18100	690	400	400	400	mg/Kg
BH15924	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	18100	690	63	63	63	mg/Kg
BH15924	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Residential	2490	69	2200	2200	2200	mg/Kg
BH15924	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	2490	69	109	109	109	mg/Kg
BH15925	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	202	6.9	63	63	63	mg/Kg
BH15926	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	85	80	50	50	50	ug/Kg
BH15926	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1500	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	3600	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1800	2500	500	500	500	ug/Kg
BH15926	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2500	330	330	330	ug/Kg
BH15926	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	3400	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	2500	2400	2400	2400	ug/Kg
BH15926	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4700	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	3800	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2500	330	330	330	ug/Kg
BH15926	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1800	2500	500	500	500	ug/Kg
BH15926	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	3600	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4700	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	3400	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	330	330	330	ug/Kg
BH15926	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	330	330	330	ug/Kg

## Sample Criteria Exceedences Report

### GBH15922 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BH15926	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	800	800	800	ug/Kg
BH15926	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4700	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	330	330	330	ug/Kg
BH15926	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3600	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3400	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3800	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	2500	800	800	800	ug/Kg
BH15926	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	2500	500	500	500	ug/Kg
BH15926	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg
BH15926	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	18	14	14	14	ug/Kg
BH15926	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.1	5	5	5	ug/Kg
BH15926	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg
BH15926	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.1	5	5	5	ug/Kg
BH15926	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg
BH15926	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	153	3.3	50	50	50	mg/kg
BH15926	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.05	0.09	0.81	0.81	0.81	mg/Kg
BH15926	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.05	0.09	0.81	0.81	0.81	mg/Kg
BH15926	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.05	0.09	0.18	0.18	0.18	mg/Kg
BH15926	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	663	6.5	400	400	400	mg/Kg
BH15926	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	663	6.5	400	400	400	mg/Kg
BH15926	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	663	6.5	63	63	63	mg/Kg
BH15926	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	445	6.5	109	109	109	mg/Kg
BH15927	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	19	14	14	14	ug/Kg
BH15927	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	14	3.3	3.3	3.3	ug/Kg
BH15927	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	14	3.3	3.3	3.3	ug/Kg
BH15927	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	14	3.3	3.3	3.3	ug/Kg
BH15927	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.4	5	5	5	ug/Kg
BH15927	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.4	5	5	5	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

October 01, 2014

SDG I.D.: GBH15922

---

The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes  No   
 Coolant: IPK  ICE   
 Temp 1° C Pg of

Contact Options:  
 Fax:   
 Phone: (631) 504-6000  
 Email: Csosik@ebcincny.com

**NY/NJ CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Customer: Environmental Business Consultants  
 Address: 1808 Middle Country Road  
 Ridge, New York 11961

Project: 77 Metroplitar Ave, Brooklyn, NY  
 Report to: Environmental Business Consultants  
 Invoice to: Environmental Business Consultants

Project P.O.:

This section **MUST** be completed with **Bottle Quantities.**

Sampler's Signature: *Richard L...* Date: 9/18/14  
 Client Sample - Information - Identification  
 Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
15922	B4 0-2-	S	9-15-14	9:00	VOCS 8260 Pesticides/CAS TAL Metals
15923	B4 8-10-			9:15	
15924	B5 0-2-			9:45	
15925	B5 8-10-			10:00	
15926	B6 0-2-			10:30	
15927	B6 12-14-			10:45	

Relinquished by: *[Signature]* Date: 9-18-14 Time: 13:00  
 Accepted by: *[Signature]* Date: 9-18-14 Time: 10:20

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 5 Days  
 10 Days  
 Other  
 \*SURCHARGE APPLIES

NY  
 TAGM 4046 GW  
 TAGM 4046 SOIL  
 NY375 Unrestricted Use Soil  
 NY375 Residential  
 Restricted/Residential  
 Commercial  
 Industrial

Data Format  
 Phoenix Std Report  
 Excel  
 PDF  
 GIS/Key  
 EQUIS  
 NJ Hazsite EDD  
 NY EZ EDD (ASP)  
 Other

Data Package  
 NJ Reduced Deliv. \*  
 NY Enhanced (ASP B) \*  
 Other

State where samples were collected: NY

Comments, Special Requirements or Regulations:



Thursday, October 23, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 771-781 METROPOLITAN AVE  
Sample ID#s: BH29608 - BH29610

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 23, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: AIR  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date Time  
 10/17/14 12:10  
 10/20/14 17:01

## Laboratory Data

SDG ID: GBH29608  
 Phoenix ID: BH29608

Project ID: 771-781 METROPOLITAN AVE  
 Client ID: SG 4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<b>Volatiles (TO15)</b>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15
1,1,1-Trichloroethane	0.220	0.183	1.20	1.00	10/21/14	DD	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	10/21/14	DD	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	10/21/14	DD	TO15
1,2,4-Trimethylbenzene	1.43	0.204	7.02	1.00	10/21/14	DD	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	10/21/14	DD	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	10/21/14	DD	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	10/21/14	DD	TO15
1,3,5-Trimethylbenzene	0.370	0.204	1.82	1.00	10/21/14	DD	TO15
1,3-Butadiene	ND	0.452	ND	1.00	10/21/14	DD	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15
1,4-Dioxane	ND	0.278	ND	1.00	10/21/14	DD	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	10/21/14	DD	TO15
4-Ethyltoluene	0.300	0.204	1.47	1.00	10/21/14	DD	TO15
4-Isopropyltoluene	ND	0.182	ND	1.00	10/21/14	DD	TO15
4-Methyl-2-pentanone(MIBK)	0.420	0.244	1.72	1.00	10/21/14	DD	TO15
Acetone	1.71	0.421	4.06	1.00	10/21/14	DD	TO15
Acrylonitrile	ND	0.461	ND	1.00	10/21/14	DD	TO15
Benzene	ND	0.313	ND	1.00	10/21/14	DD	TO15
Benzyl chloride	ND	0.193	ND	1.00	10/21/14	DD	TO15

Client ID: SG 4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	10/21/14	DD	TO15
Bromoform	ND	0.097	ND	1.00	10/21/14	DD	TO15
Bromomethane	ND	0.258	ND	1.00	10/21/14	DD	TO15
Carbon Disulfide	ND	0.321	ND	1.00	10/21/14	DD	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	10/21/14	DD	TO15
Chlorobenzene	ND	0.217	ND	1.00	10/21/14	DD	TO15
Chloroethane	ND	0.379	ND	1.00	10/21/14	DD	TO15
Chloroform	ND	0.205	ND	1.00	10/21/14	DD	TO15
Chloromethane	ND	0.484	ND	1.00	10/21/14	DD	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Cyclohexane	ND	0.291	ND	1.00	10/21/14	DD	TO15
Dibromochloromethane	ND	0.117	ND	1.00	10/21/14	DD	TO15
Dichlorodifluoromethane	0.480	0.202	2.37	1.00	10/21/14	DD	TO15
Ethanol	7.51	0.531	14.1	1.00	10/21/14	DD	TO15 1
Ethyl acetate	0.310	0.278	1.12	1.00	10/21/14	DD	TO15 1
Ethylbenzene	0.580	0.230	2.52	1.00	10/21/14	DD	TO15
Heptane	0.330	0.244	1.35	1.00	10/21/14	DD	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	10/21/14	DD	TO15
Hexane	0.370	0.284	1.30	1.00	10/21/14	DD	TO15
Isopropylalcohol	ND	0.407	ND	1.00	10/21/14	DD	TO15
Isopropylbenzene	ND	0.204	ND	1.00	10/21/14	DD	TO15
m,p-Xylene	2.16	0.230	9.37	1.00	10/21/14	DD	TO15
Methyl Ethyl Ketone	0.570	0.339	1.68	1.00	10/21/14	DD	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	10/21/14	DD	TO15
Methylene Chloride	0.420	0.288	1.46	1.00	10/21/14	DD	TO15
n-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15 1
o-Xylene	1.00	0.230	4.34	1.00	10/21/14	DD	TO15
Propylene	ND	0.581	ND	1.00	10/21/14	DD	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15 1
Styrene	ND	0.235	ND	1.00	10/21/14	DD	TO15
Tetrachloroethene	0.420	0.037	2.85	0.25	10/21/14	DD	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	10/21/14	DD	TO15 1
Toluene	0.990	0.266	3.73	1.00	10/21/14	DD	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Trichloroethene	ND	0.047	ND	0.25	10/21/14	DD	TO15
Trichlorofluoromethane	0.300	0.178	1.68	1.00	10/21/14	DD	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	10/21/14	DD	TO15
Vinyl Chloride	ND	0.098	ND	0.25	10/21/14	DD	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	105	%	105	%	10/21/14	DD	TO15

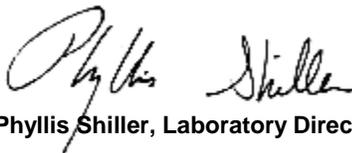
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 23, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 October 23, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: AIR  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date

10/17/14  
 10/20/14

Time

12:29  
 17:01

Laboratory Data

SDG ID: GBH29608  
 Phoenix ID: BH29609

Project ID: 771-781 METROPOLITAN AVE  
 Client ID: SG 5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
<b><u>Volatiles (TO15)</u></b>								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15	1
1,1,1-Trichloroethane	0.200	0.183	1.09	1.00	10/21/14	DD	TO15	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	10/21/14	DD	TO15	
1,1-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15	
1,1-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	10/21/14	DD	TO15	
1,2,4-Trimethylbenzene	1.20	0.204	5.90	1.00	10/21/14	DD	TO15	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	10/21/14	DD	TO15	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,2-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15	
1,2-dichloropropane	ND	0.216	ND	1.00	10/21/14	DD	TO15	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	10/21/14	DD	TO15	
1,3,5-Trimethylbenzene	0.340	0.204	1.67	1.00	10/21/14	DD	TO15	
1,3-Butadiene	ND	0.452	ND	1.00	10/21/14	DD	TO15	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,4-Dioxane	ND	0.278	ND	1.00	10/21/14	DD	TO15	
2-Hexanone(MBK)	ND	0.244	ND	1.00	10/21/14	DD	TO15	1
4-Ethyltoluene	0.300	0.204	1.47	1.00	10/21/14	DD	TO15	1
4-Isopropyltoluene	ND	0.182	ND	1.00	10/21/14	DD	TO15	1
4-Methyl-2-pentanone(MIBK)	0.610	0.244	2.50	1.00	10/21/14	DD	TO15	
Acetone	2.06	0.421	4.89	1.00	10/21/14	DD	TO15	
Acrylonitrile	ND	0.461	ND	1.00	10/21/14	DD	TO15	
Benzene	ND	0.313	ND	1.00	10/21/14	DD	TO15	
Benzyl chloride	ND	0.193	ND	1.00	10/21/14	DD	TO15	

Client ID: SG 5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	10/21/14	DD	TO15
Bromoform	ND	0.097	ND	1.00	10/21/14	DD	TO15
Bromomethane	ND	0.258	ND	1.00	10/21/14	DD	TO15
Carbon Disulfide	3.09	0.321	9.62	1.00	10/21/14	DD	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	10/21/14	DD	TO15
Chlorobenzene	ND	0.217	ND	1.00	10/21/14	DD	TO15
Chloroethane	ND	0.379	ND	1.00	10/21/14	DD	TO15
Chloroform	ND	0.205	ND	1.00	10/21/14	DD	TO15
Chloromethane	ND	0.484	ND	1.00	10/21/14	DD	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Cyclohexane	ND	0.291	ND	1.00	10/21/14	DD	TO15
Dibromochloromethane	ND	0.117	ND	1.00	10/21/14	DD	TO15
Dichlorodifluoromethane	10.3	0.202	50.9	1.00	10/21/14	DD	TO15
Ethanol	9.21	0.531	17.3	1.00	10/21/14	DD	TO15
Ethyl acetate	0.570	0.278	2.05	1.00	10/21/14	DD	TO15
Ethylbenzene	0.600	0.230	2.60	1.00	10/21/14	DD	TO15
Heptane	2.22	0.244	9.09	1.00	10/21/14	DD	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	10/21/14	DD	TO15
Hexane	0.630	0.284	2.22	1.00	10/21/14	DD	TO15
Isopropylalcohol	ND	0.407	ND	1.00	10/21/14	DD	TO15
Isopropylbenzene	ND	0.204	ND	1.00	10/21/14	DD	TO15
m,p-Xylene	2.19	0.230	9.50	1.00	10/21/14	DD	TO15
Methyl Ethyl Ketone	0.450	0.339	1.33	1.00	10/21/14	DD	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	10/21/14	DD	TO15
Methylene Chloride	0.370	0.288	1.28	1.00	10/21/14	DD	TO15
n-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15
o-Xylene	1.02	0.230	4.43	1.00	10/21/14	DD	TO15
Propylene	1.86	0.581	3.20	1.00	10/21/14	DD	TO15
sec-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15
Styrene	ND	0.235	ND	1.00	10/21/14	DD	TO15
Tetrachloroethene	0.270	0.037	1.83	0.25	10/21/14	DD	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	10/21/14	DD	TO15
Toluene	0.910	0.266	3.43	1.00	10/21/14	DD	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Trichloroethene	ND	0.047	ND	0.25	10/21/14	DD	TO15
Trichlorofluoromethane	2.43	0.178	13.6	1.00	10/21/14	DD	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	10/21/14	DD	TO15
Vinyl Chloride	ND	0.098	ND	0.25	10/21/14	DD	TO15
<b>QA/QC Surrogates</b>							
% Bromofluorobenzene	106	%	106	%	10/21/14	DD	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

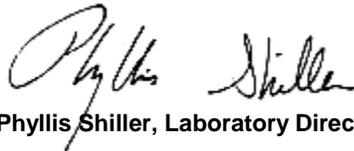
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 23, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 23, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: AIR  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

10/17/14  
 10/20/14

## Time

12:07  
 17:01

## Laboratory Data

SDG ID: GBH29608  
 Phoenix ID: BH29610

Project ID: 771-781 METROPOLITAN AVE  
 Client ID: SG 6

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
<b>Volatiles (TO15)</b>								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15	1
1,1,1-Trichloroethane	0.270	0.183	1.47	1.00	10/21/14	DD	TO15	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	10/21/14	DD	TO15	
1,1-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15	
1,1-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	10/21/14	DD	TO15	
1,2,4-Trimethylbenzene	1.28	0.204	6.29	1.00	10/21/14	DD	TO15	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	10/21/14	DD	TO15	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,2-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15	
1,2-dichloropropane	ND	0.216	ND	1.00	10/21/14	DD	TO15	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	10/21/14	DD	TO15	
1,3,5-Trimethylbenzene	0.340	0.204	1.67	1.00	10/21/14	DD	TO15	
1,3-Butadiene	ND	0.452	ND	1.00	10/21/14	DD	TO15	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,4-Dioxane	ND	0.278	ND	1.00	10/21/14	DD	TO15	
2-Hexanone(MBK)	ND	0.244	ND	1.00	10/21/14	DD	TO15	1
4-Ethyltoluene	0.270	0.204	1.33	1.00	10/21/14	DD	TO15	1
4-Isopropyltoluene	ND	0.182	ND	1.00	10/21/14	DD	TO15	1
4-Methyl-2-pentanone(MIBK)	0.570	0.244	2.33	1.00	10/21/14	DD	TO15	
Acetone	2.14	0.421	5.08	1.00	10/21/14	DD	TO15	
Acrylonitrile	ND	0.461	ND	1.00	10/21/14	DD	TO15	
Benzene	ND	0.313	ND	1.00	10/21/14	DD	TO15	
Benzyl chloride	ND	0.193	ND	1.00	10/21/14	DD	TO15	

Client ID: SG 6

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	10/21/14	DD	TO15
Bromoform	ND	0.097	ND	1.00	10/21/14	DD	TO15
Bromomethane	ND	0.258	ND	1.00	10/21/14	DD	TO15
Carbon Disulfide	ND	0.321	ND	1.00	10/21/14	DD	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	10/21/14	DD	TO15
Chlorobenzene	ND	0.217	ND	1.00	10/21/14	DD	TO15
Chloroethane	ND	0.379	ND	1.00	10/21/14	DD	TO15
Chloroform	0.260	0.205	1.27	1.00	10/21/14	DD	TO15
Chloromethane	ND	0.484	ND	1.00	10/21/14	DD	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Cyclohexane	ND	0.291	ND	1.00	10/21/14	DD	TO15
Dibromochloromethane	ND	0.117	ND	1.00	10/21/14	DD	TO15
Dichlorodifluoromethane	2.67	0.202	13.2	1.00	10/21/14	DD	TO15
Ethanol	8.63	0.531	16.2	1.00	10/21/14	DD	TO15
Ethyl acetate	0.630	0.278	2.27	1.00	10/21/14	DD	TO15
Ethylbenzene	0.460	0.230	2.00	1.00	10/21/14	DD	TO15
Heptane	ND	0.244	ND	1.00	10/21/14	DD	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	10/21/14	DD	TO15
Hexane	1.09	0.284	3.84	1.00	10/21/14	DD	TO15
Isopropylalcohol	ND	0.407	ND	1.00	10/21/14	DD	TO15
Isopropylbenzene	ND	0.204	ND	1.00	10/21/14	DD	TO15
m,p-Xylene	1.97	0.230	8.55	1.00	10/21/14	DD	TO15
Methyl Ethyl Ketone	0.680	0.339	2.00	1.00	10/21/14	DD	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	10/21/14	DD	TO15
Methylene Chloride	1.19	0.288	4.13	1.00	10/21/14	DD	TO15
n-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15
o-Xylene	0.950	0.230	4.12	1.00	10/21/14	DD	TO15
Propylene	ND	0.581	ND	1.00	10/21/14	DD	TO15
sec-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15
Styrene	ND	0.235	ND	1.00	10/21/14	DD	TO15
Tetrachloroethene	6.33	0.037	42.9	0.25	10/21/14	DD	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	10/21/14	DD	TO15
Toluene	0.690	0.266	2.60	1.00	10/21/14	DD	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Trichloroethene	ND	0.047	ND	0.25	10/21/14	DD	TO15
Trichlorofluoromethane	4.87	0.178	27.3	1.00	10/21/14	DD	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	10/21/14	DD	TO15
Vinyl Chloride	ND	0.098	ND	0.25	10/21/14	DD	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	103	%	103	%	10/21/14	DD	TO15

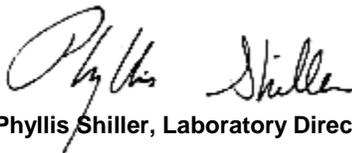
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 23, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# QA/QC Report

October 23, 2014

## QA/QC Data

SDG I.D.: GBH29608

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 289982, QC Sample No: BH29609 (BH29608, BH29609, BH29610)										
<b>Volatiles</b>										
1,1,1,2-Tetrachloroethane	ND	ND	136	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	111	1.09	1.25	0.200	0.230	14.0	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	128	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	118	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	114	5.90	6.24	1.20	1.27	5.7	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	123	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	108	1.67	1.72	0.340	0.350	2.9	70 - 130	20
1,3-Butadiene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	125	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	119	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	110	1.47	1.13	0.300	0.230	26.4	70 - 130	20
4-Isopropyltoluene	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	105	2.50	2.54	0.610	0.620	1.6	70 - 130	20
Acetone	ND	ND	102	4.89	4.77	2.06	2.01	2.5	70 - 130	20
Acrylonitrile	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Benzyl chloride	ND	ND	>140	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	>140	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	92	9.62	9.34	3.09	3.00	3.0	70 - 130	20
Carbon Tetrachloride	ND	ND	120	ND	ND	ND	ND	NC	70 - 130	20
Chlorobenzene	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	ND	89	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	ND	129	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	95	50.9	56.8	10.3	11.5	11.0	70 - 130	20
Ethanol	ND	ND	96	17.3	18.0	9.21	9.59	4.0	70 - 130	20

## QA/QC Data

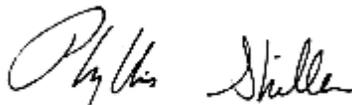
SDG I.D.: GBH29608

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	115	2.05	2.02	0.570	0.560	1.8	70 - 130	20
Ethylbenzene	ND	ND	112	2.60	2.60	0.600	0.600	0.0	70 - 130	20
Heptane	ND	ND	104	9.09	8.97	2.22	2.19	1.4	70 - 130	20
Hexachlorobutadiene	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	99	2.22	1.27	0.630	0.360	54.5	70 - 130	20
Isopropylalcohol	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Isopropylbenzene	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	115	9.50	9.68	2.19	2.23	1.8	70 - 130	20
Methyl Ethyl Ketone	ND	ND	108	1.33	1.24	0.450	0.420	6.9	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	123	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	120	1.28	1.22	0.370	0.350	5.6	70 - 130	20
n-Butylbenzene	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	109	4.43	4.60	1.02	1.06	3.8	70 - 130	20
Propylene	ND	ND	91	3.20	3.08	1.86	1.79	3.8	70 - 130	20
sec-Butylbenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	116	1.83	2.24	0.270	0.330	20.0	70 - 130	20
Tetrahydrofuran	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	112	3.43	3.43	0.910	0.910	0.0	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	>140	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	120	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	96	13.6	14.1	2.43	2.51	3.2	70 - 130	20
Trichlorotrifluoroethane	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	103	103	103	106	107	106	107	0.9	70 - 130	20

I = This parameter is outside laboratory lcs/lcsd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCS D - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 October 23, 2014

# Sample Criteria Exceedences Report

## GBH29608 - EBC

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



587 East Middle Turnpike, P.O. Box 270, Manchester, CT 06040  
 Telephone: 860.645.1102 • Fax: 860.645.0823

**CHAIN OF CUSTODY RECORD**  
**AIR ANALYSES**

800-827-5426  
 email: [greg@phoenixlabs.com](mailto:greg@phoenixlabs.com)

P.O. # \_\_\_\_\_ Page 1 of 1  
 Data Delivery: \_\_\_\_\_  
 Fax #: \_\_\_\_\_  
 Email: File  
 Phone #: (631) 504-6000

Report to: Charles Sosik  
 Customer: EBC  
 Address: 1808 Middle Country Rd  
Ridge NY 11961

Invoice to: EBC  
 Project Name: 771-781 Metropolitan Ave, Brooklyn, NY  
 Requested Deliverable: RCP  ASP CAT B   
 MCP  NJ Deliverables   
 State where samples collected: NY

Sampled by: Reuben Levinson & Kevin Waters  
 Ambient/Indoor Air MATRIX ANALYSES  
 Soil Gas \_\_\_\_\_  
 Grab (G) Composite (C) \_\_\_\_\_

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	MATRIX ANALYSES	
													Soil Gas	Grab (G) Composite (C)
291008	SG-4	479	6.0	-3.0	0	5039V42		10.24	12.10	10-17-14	-30+	-4.8	X	X
291009	SG-5	492			0	5356V1		10.26	12.29		-30+	-8.0	X	X
291010	SG-6	218			-3	4954V1		10.26	12.07		-30+	-5.5	X	X
	not used	457				5710V1								
	6L 2HR													

Relinquished by: [Signature] Date: 10/16/14  
 Accepted by: [Signature] Date: 10/20/14  
 Data Format:  Excel  Equis  GISKey   
 PDF  Other

SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:  
no black nipples on SUMA cans  
 Requested Criteria: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Quote Number: \_\_\_\_\_  
 I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.



Thursday, November 20, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 771-781 METROPOLITAN  
Sample ID#s: BH41011 - BH41013

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller".

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

November 20, 2014

SDG I.D.: GBH41011

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### SIM Analysis:

The lowest possible reporting limit under SIM conditions is 0.02 ug/L. The NY TOGS GA criteria for some PAHs is 0.002 ug/L. This level can not be achieved.



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 November 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date

11/12/14  
 11/13/14

Time

12:00  
 16:36

Laboratory Data

SDG ID: GBH41011  
 Phoenix ID: BH41011

Project ID: 771-781 METROPOLITAN  
 Client ID: MW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.002	mg/L	11/13/14	LK	SW6010
Aluminum (Dissolved)	0.64	0.01	0.0026	mg/L	11/13/14	LK	SW6010
Arsenic, (Dissolved)	< 0.003	0.003	0.001	mg/L	11/13/14	LK	SW6010
Barium (Dissolved)	0.156	0.011	0.001	mg/L	11/13/14	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	11/13/14	LK	SW6010
Calcium (Dissolved)	60.8	0.01	0.003	mg/L	11/13/14	LK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	11/13/14	LK	SW6010
Cobalt, (Dissolved)	0.006	0.005	0.001	mg/L	11/13/14	LK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	11/13/14	LK	SW6010
Copper, (Dissolved)	0.001	B 0.005	0.001	mg/L	11/13/14	LK	SW6010
Iron, (Dissolved)	2.15	0.01	0.01	mg/L	11/13/14	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	11/14/14	RS	SW7470
Potassium (Dissolved)	17.6	0.1	0.1	mg/L	11/13/14	LK	SW6010
Magnesium (Dissolved)	16.5	0.01	0.001	mg/L	11/13/14	LK	SW6010
Manganese, (Dissolved)	4.09	0.053	0.011	mg/L	11/13/14	LK	SW6010
Sodium (Dissolved)	122	1.1	1.1	mg/L	11/13/14	LK	SW6010
Nickel, (Dissolved)	0.009	0.004	0.001	mg/L	11/13/14	LK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	11/13/14	LK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	11/14/14	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	11/14/14	RS	7010
Thallium, (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	11/17/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	11/13/14	LK	SW6010
Zinc, (Dissolved)	0.009	B 0.011	0.001	mg/L	11/13/14	LK	SW6010
Filtration	Completed				11/13/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				11/14/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				11/13/14	L/T	SW3510
Extraction for Pest (2 Liter)	Completed				11/13/14	L	SW3510
Semi-Volatile Extraction	Completed				11/13/14	E/W/K	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				11/13/14	AG	SW846-3005
<b><u>Pesticides</u></b>							
4,4' -DDD	ND	0.010	0.010	ug/L	11/14/14	CE	SW8081
4,4' -DDE	ND	0.010	0.010	ug/L	11/14/14	CE	SW8081
4,4' -DDT	ND	0.010	0.010	ug/L	11/14/14	CE	SW8081
a-BHC	ND	0.005	0.005	ug/L	11/14/14	CE	SW8081
a-chlordane	ND	0.010	0.010	ug/L	11/14/14	CE	SW8081
Alachlor	ND	0.075	0.075	ug/L	11/14/14	CE	SW8081
Aldrin	ND	0.002	0.002	ug/L	11/14/14	CE	SW8081
b-BHC	ND	0.005	0.005	ug/L	11/14/14	CE	SW8081
Chlordane	ND	0.050	0.050	ug/L	11/14/14	CE	SW8081
d-BHC	ND	0.005	0.005	ug/L	11/14/14	CE	SW8081
Dieldrin	ND	0.003	0.003	ug/L	11/14/14	CE	SW8081
Endosulfan I	ND	0.010	0.010	ug/L	11/14/14	CE	SW8081
Endosulfan II	ND	0.010	0.010	ug/L	11/14/14	CE	SW8081
Endosulfan Sulfate	ND	0.010	0.010	ug/L	11/14/14	CE	SW8081
Endrin	ND	0.010	0.010	ug/L	11/14/14	CE	SW8081
Endrin Aldehyde	ND	0.010	0.010	ug/L	11/14/14	CE	SW8081
Endrin ketone	ND	0.010	0.010	ug/L	11/14/14	CE	SW8081
g-BHC (Lindane)	ND	0.005	0.005	ug/L	11/14/14	CE	SW8081
g-chlordane	ND	0.010	0.010	ug/L	11/14/14	CE	SW8081
Heptachlor	ND	0.010	0.010	ug/L	11/14/14	CE	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	11/14/14	CE	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	11/14/14	CE	SW8081
Toxaphene	ND	0.20	0.20	ug/L	11/14/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
%DCBP (Surrogate Rec)	54			%	11/14/14	CE	SW8081
%TCMX (Surrogate Rec)	62			%	11/14/14	CE	SW8081
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	60			%	11/14/14	AW	30 - 150 %
% TCMX	68			%	11/14/14	AW	30 - 150 %
<b><u>Semivolatiles</u></b>							
1,2,4-Trichlorobenzene	ND	5	1.6	ug/L	11/17/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.1	ug/L	11/17/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5	1.7	ug/L	11/17/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.1	ug/L	11/17/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.1	ug/L	11/17/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
2,4,5-Trichlorophenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5	2.1	ug/L	11/17/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5	1.7	ug/L	11/17/14	DD	SW 8270
2-Chloronaphthalene	ND	5	1.5	ug/L	11/17/14	DD	SW 8270
2-Chlorophenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
2-Methylnaphthalene	ND	5	1.6	ug/L	11/17/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
2-Nitroaniline	ND	5.0	5.3	ug/L	11/17/14	DD	SW 8270
2-Nitrophenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.1	ug/L	11/17/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.0	2.5	ug/L	11/17/14	DD	SW 8270
3-Nitroaniline	ND	5.0	5.3	ug/L	11/17/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5	1.5	ug/L	11/17/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
4-Chloroaniline	ND	3.5	2.5	ug/L	11/17/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5	1.8	ug/L	11/17/14	DD	SW 8270
4-Nitroaniline	ND	5.0	1.8	ug/L	11/17/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
Acenaphthene	ND	5	1.6	ug/L	11/17/14	DD	SW 8270
Acetophenone	ND	5	1.6	ug/L	11/17/14	DD	SW 8270
Aniline	ND	3.5	5.3	ug/L	11/17/14	DD	SW 8270
Anthracene	ND	5	1.7	ug/L	11/17/14	DD	SW 8270
Benzidine	ND	4.5	3.1	ug/L	11/17/14	DD	SW 8270
Benzoic acid	ND	25	11	ug/L	11/17/14	DD	SW 8270
Benzyl butyl phthalate	ND	5	1.4	ug/L	11/17/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5	1.5	ug/L	11/17/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5	1.5	ug/L	11/17/14	DD	SW 8270
Carbazole	ND	25	4.0	ug/L	11/17/14	DD	SW 8270
Dibenzofuran	ND	5	1.5	ug/L	11/17/14	DD	SW 8270
Diethyl phthalate	ND	5	1.7	ug/L	11/17/14	DD	SW 8270
Dimethylphthalate	ND	5	1.6	ug/L	11/17/14	DD	SW 8270
Di-n-butylphthalate	ND	5	1.4	ug/L	11/17/14	DD	SW 8270
Di-n-octylphthalate	ND	5	1.4	ug/L	11/17/14	DD	SW 8270
Fluoranthene	ND	5	1.7	ug/L	11/17/14	DD	SW 8270
Fluorene	ND	5	1.7	ug/L	11/17/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5	1.6	ug/L	11/17/14	DD	SW 8270
Isophorone	ND	5	1.5	ug/L	11/17/14	DD	SW 8270
Naphthalene	ND	5	1.5	ug/L	11/17/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.1	ug/L	11/17/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5	1.7	ug/L	11/17/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5	2.0	ug/L	11/17/14	DD	SW 8270
Phenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
Pyrene	ND	5	1.8	ug/L	11/17/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Pyridine	ND	10	1.3	ug/L	11/17/14	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>							
% 2,4,6-Tribromophenol	77			%	11/17/14	DD	19 - 122 %
% 2-Fluorobiphenyl	73			%	11/17/14	DD	30 - 115 %
% 2-Fluorophenol	57			%	11/17/14	DD	25 - 121 %
% Nitrobenzene-d5	64			%	11/17/14	DD	23 - 120 %
% Phenol-d5	58			%	11/17/14	DD	24 - 113 %
% Terphenyl-d14	85			%	11/17/14	DD	18 - 137 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	0.53	0.53	ug/L	11/17/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.11	0.11	ug/L	11/17/14	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	11/17/14	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	11/17/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	11/17/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	11/17/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	11/17/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	1.9	1.1	1.1	ug/L	11/17/14	DD	SW8270 (SIM)
Chrysene	ND	0.02	0.02	ug/L	11/17/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	11/17/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	11/17/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.42	0.42	ug/L	11/17/14	DD	SW8270 (SIM)
Hexachloroethane	ND	0.53	0.53	ug/L	11/17/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	11/17/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.11	0.11	ug/L	11/17/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.11	0.11	ug/L	11/17/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.84	0.84	ug/L	11/17/14	DD	SW8270 (SIM)
Phenanthrene	ND	0.11	0.11	ug/L	11/17/14	DD	SW8270 (SIM)
<b><u>QA/QC Surrogates</u></b>							
% 2,4,6-Tribromophenol	101			%	11/17/14	DD	15 - 110 %
% 2-Fluorobiphenyl	67			%	11/17/14	DD	30 - 115 %
% 2-Fluorophenol	60			%	11/17/14	DD	15 - 110 %
% Nitrobenzene-d5	76			%	11/17/14	DD	23 - 120 %
% Phenol-d5	66			%	11/17/14	DD	15 - 110 %
% Terphenyl-d14	72			%	11/17/14	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**November 20, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 November 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date

11/12/14  
 11/13/14

Time

12:30  
 16:36

Laboratory Data

SDG ID: GBH41011  
 Phoenix ID: BH41012

Project ID: 771-781 METROPOLITAN  
 Client ID: MW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.002	mg/L	11/13/14	LK	SW6010
Aluminum (Dissolved)	0.26	0.01	0.0026	mg/L	11/13/14	LK	SW6010
Arsenic, (Dissolved)	0.003	B 0.003	0.001	mg/L	11/13/14	LK	SW6010
Barium (Dissolved)	0.186	0.011	0.001	mg/L	11/13/14	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	11/13/14	LK	SW6010
Calcium (Dissolved)	162	0.11	0.032	mg/L	11/13/14	LK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	11/13/14	LK	SW6010
Cobalt, (Dissolved)	0.004	B 0.005	0.001	mg/L	11/13/14	LK	SW6010
Chromium (Dissolved)	0.001	0.001	0.001	mg/L	11/13/14	LK	SW6010
Copper, (Dissolved)	0.008	0.005	0.001	mg/L	11/13/14	LK	SW6010
Iron, (Dissolved)	0.25	0.01	0.01	mg/L	11/13/14	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	11/14/14	RS	SW7470
Potassium (Dissolved)	32.8	0.1	0.1	mg/L	11/13/14	LK	SW6010
Magnesium (Dissolved)	22.0	0.01	0.001	mg/L	11/13/14	LK	SW6010
Manganese, (Dissolved)	0.774	0.005	0.001	mg/L	11/13/14	LK	SW6010
Sodium (Dissolved)	326	1.1	1.1	mg/L	11/13/14	LK	SW6010
Nickel, (Dissolved)	0.025	0.004	0.001	mg/L	11/13/14	LK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	11/13/14	LK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	11/14/14	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	11/14/14	RS	7010
Thallium, (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	11/17/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	11/13/14	LK	SW6010
Zinc, (Dissolved)	0.007	B 0.011	0.001	mg/L	11/13/14	LK	SW6010
Filtration	Completed				11/13/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				11/14/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				11/13/14	L/T	SW3510
Extraction for Pest (2 Liter)	Completed				11/13/14	L	SW3510
Semi-Volatile Extraction	Completed				11/13/14	E/W/K	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				11/13/14	AG	SW846-3005
<b><u>Pesticides</u></b>							
4,4' -DDD	ND	0.010	0.010	ug/L	11/14/14	PS	SW8081
4,4' -DDE	ND	0.010	0.010	ug/L	11/14/14	PS	SW8081
4,4' -DDT	ND	0.010	0.010	ug/L	11/14/14	PS	SW8081
a-BHC	ND	0.005	0.005	ug/L	11/14/14	PS	SW8081
a-chlordane	ND	0.010	0.010	ug/L	11/14/14	PS	SW8081
Alachlor	ND	0.075	0.075	ug/L	11/14/14	PS	SW8081
Aldrin	ND	0.002	0.002	ug/L	11/14/14	PS	SW8081
b-BHC	ND	0.005	0.005	ug/L	11/14/14	PS	SW8081
Chlordane	ND	0.050	0.050	ug/L	11/14/14	PS	SW8081
d-BHC	ND	0.005	0.005	ug/L	11/14/14	PS	SW8081
Dieldrin	0.005	0.004	0.004	ug/L	11/14/14	PS	SW8081
Endosulfan I	ND	0.010	0.010	ug/L	11/14/14	PS	SW8081
Endosulfan II	ND	0.010	0.010	ug/L	11/14/14	PS	SW8081
Endosulfan Sulfate	ND	0.010	0.010	ug/L	11/14/14	PS	SW8081
Endrin	ND	0.010	0.010	ug/L	11/14/14	PS	SW8081
Endrin Aldehyde	ND	0.010	0.010	ug/L	11/14/14	PS	SW8081
Endrin ketone	ND	0.010	0.010	ug/L	11/14/14	PS	SW8081
g-BHC (Lindane)	ND	0.005	0.005	ug/L	11/14/14	PS	SW8081
g-chlordane	ND	0.010	0.010	ug/L	11/14/14	PS	SW8081
Heptachlor	ND	0.010	0.010	ug/L	11/14/14	PS	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	11/14/14	PS	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	11/14/14	PS	SW8081
Toxaphene	ND	0.25	0.25	ug/L	11/14/14	PS	SW8081
<b><u>QA/QC Surrogates</u></b>							
%DCBP (Surrogate Rec)	41			%	11/14/14	PS	SW8081
%TCMX (Surrogate Rec)	56			%	11/14/14	PS	SW8081
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	11/14/14	AW	608/ 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	44			%	11/14/14	AW	30 - 150 %
% TCMX	57			%	11/14/14	AW	30 - 150 %
<b><u>Semivolatiles</u></b>							
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	11/17/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	11/17/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270

Client ID: MW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	11/17/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	11/17/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	11/17/14	DD	SW 8270
2-Chlorophenol	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	11/17/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
2-Nitroaniline	ND	5.0	5.0	ug/L	11/17/14	DD	SW 8270
2-Nitrophenol	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	11/17/14	DD	SW 8270
3-Nitroaniline	ND	5.0	5.0	ug/L	11/17/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	11/17/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
4-Chloroaniline	ND	3.5	2.3	ug/L	11/17/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	11/17/14	DD	SW 8270
4-Nitroaniline	ND	5.0	1.7	ug/L	11/17/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	11/17/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	11/17/14	DD	SW 8270
Aniline	ND	3.5	5.0	ug/L	11/17/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	11/17/14	DD	SW 8270
Benzidine	ND	4.5	2.9	ug/L	11/17/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	11/17/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	11/17/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	11/17/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	11/17/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	85	10	2.9	ug/L	11/18/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	11/17/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	11/17/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	11/17/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	11/17/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	11/17/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	11/17/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	11/17/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	11/17/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	11/17/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	11/17/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	11/17/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	11/17/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	11/17/14	DD	SW 8270
Phenol	ND	1.0	1.0	ug/L	11/17/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Pyrene	ND	5.0	1.7	ug/L	11/17/14	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	11/17/14	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>							
% 2,4,6-Tribromophenol	80			%	11/17/14	DD	19 - 122 %
% 2-Fluorobiphenyl	72			%	11/17/14	DD	30 - 115 %
% 2-Fluorophenol	42			%	11/17/14	DD	25 - 121 %
% Nitrobenzene-d5	63			%	11/17/14	DD	23 - 120 %
% Phenol-d5	46			%	11/17/14	DD	24 - 113 %
% Terphenyl-d14	86			%	11/17/14	DD	18 - 137 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	11/16/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	11/16/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.02	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Chrysene	ND	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	11/16/14	DD	SW8270 (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	11/16/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	11/16/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	11/16/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	11/16/14	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	11/16/14	DD	SW8270 (SIM)
<b><u>QA/QC Surrogates</u></b>							
% 2,4,6-Tribromophenol	97			%	11/16/14	DD	15 - 110 %
% 2-Fluorobiphenyl	71			%	11/16/14	DD	30 - 115 %
% 2-Fluorophenol	45			%	11/16/14	DD	15 - 110 %
% Nitrobenzene-d5	70			%	11/16/14	DD	23 - 120 %
% Phenol-d5	51			%	11/16/14	DD	15 - 110 %
% Terphenyl-d14	106			%	11/16/14	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

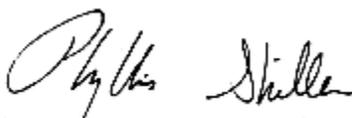
**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**November 20, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 November 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date      Time  
 11/12/14      13:00  
 11/13/14      16:36

Laboratory Data

SDG ID: GBH41011  
 Phoenix ID: BH41013

Project ID: 771-781 METROPOLITAN  
 Client ID: MW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.002	mg/L	11/13/14	LK	SW6010
Aluminum (Dissolved)	0.79	0.01	0.0026	mg/L	11/13/14	LK	SW6010
Arsenic, (Dissolved)	< 0.003	0.003	0.001	mg/L	11/13/14	LK	SW6010
Barium (Dissolved)	0.191	0.011	0.001	mg/L	11/13/14	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	11/13/14	LK	SW6010
Calcium (Dissolved)	56.5	0.01	0.003	mg/L	11/13/14	LK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	11/13/14	LK	SW6010
Cobalt, (Dissolved)	0.006	0.005	0.001	mg/L	11/13/14	LK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	11/13/14	LK	SW6010
Copper, (Dissolved)	0.002	B 0.005	0.001	mg/L	11/13/14	LK	SW6010
Iron, (Dissolved)	20.0	0.01	0.01	mg/L	11/13/14	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	11/14/14	RS	SW7470
Potassium (Dissolved)	11.0	0.1	0.1	mg/L	11/13/14	LK	SW6010
Magnesium (Dissolved)	21.2	0.01	0.001	mg/L	11/13/14	LK	SW6010
Manganese, (Dissolved)	1.02	0.005	0.001	mg/L	11/13/14	LK	SW6010
Sodium (Dissolved)	73.6	1.1	1.1	mg/L	11/13/14	LK	SW6010
Nickel, (Dissolved)	0.021	0.004	0.001	mg/L	11/13/14	LK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	11/13/14	LK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	11/14/14	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	11/14/14	RS	7010
Thallium, (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	11/17/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	11/13/14	LK	SW6010
Zinc, (Dissolved)	0.003	B 0.011	0.001	mg/L	11/13/14	LK	SW6010
Filtration	Completed				11/13/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				11/14/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				11/13/14	L/T	SW3510
Extraction for Pest (2 Liter)	Completed				11/13/14	L	SW3510
Semi-Volatile Extraction	Completed				11/13/14	E/W/K	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				11/13/14	AG	SW846-3005
<b><u>Pesticides</u></b>							
4,4' -DDD	ND	0.030	0.030	ug/L	11/17/14	CE	SW8081
4,4' -DDE	ND	0.027	0.027	ug/L	11/17/14	CE	SW8081
4,4' -DDT	ND	0.030	0.030	ug/L	11/17/14	CE	SW8081
a-BHC	ND	0.054	0.054	ug/L	11/17/14	CE	SW8081
a-chlordane	ND	0.050	0.050	ug/L	11/17/14	CE	SW8081
Alachlor	ND	0.050	0.050	ug/L	11/17/14	CE	SW8081
Aldrin	ND	0.016	0.016	ug/L	11/17/14	CE	SW8081
b-BHC	ND	0.054	0.054	ug/L	11/17/14	CE	SW8081
Chlordane	ND	0.50	0.50	ug/L	11/17/14	CE	SW8081
d-BHC	ND	0.054	0.054	ug/L	11/17/14	CE	SW8081
Dieldrin	ND	0.016	0.016	ug/L	11/17/14	CE	SW8081
Endosulfan I	ND	0.050	0.050	ug/L	11/17/14	CE	SW8081
Endosulfan II	ND	0.050	0.050	ug/L	11/17/14	CE	SW8081
Endosulfan Sulfate	ND	0.050	0.050	ug/L	11/17/14	CE	SW8081
Endrin	ND	0.050	0.050	ug/L	11/17/14	CE	SW8081
Endrin Aldehyde	ND	0.050	0.050	ug/L	11/17/14	CE	SW8081
Endrin ketone	ND	0.050	0.050	ug/L	11/17/14	CE	SW8081
g-BHC (Lindane)	ND	0.054	0.054	ug/L	11/17/14	CE	SW8081
g-chlordane	ND	0.050	0.050	ug/L	11/17/14	CE	SW8081
Heptachlor	ND	0.050	0.050	ug/L	11/17/14	CE	SW8081
Heptachlor epoxide	ND	0.050	0.050	ug/L	11/17/14	CE	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	11/17/14	CE	SW8081
Toxaphene	ND	2.2	2.2	ug/L	11/17/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
%DCBP (Surrogate Rec)	Diluted Out			%	11/17/14	CE	SW8081
%TCMX (Surrogate Rec)	Diluted Out			%	11/17/14	CE	SW8081
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	0.054	0.054	ug/L	11/14/14	AW	608/ 8082
PCB-1221	ND	0.054	0.054	ug/L	11/14/14	AW	608/ 8082
PCB-1232	ND	0.054	0.054	ug/L	11/14/14	AW	608/ 8082
PCB-1242	ND	0.054	0.054	ug/L	11/14/14	AW	608/ 8082
PCB-1248	ND	0.054	0.054	ug/L	11/14/14	AW	608/ 8082
PCB-1254	ND	0.054	0.054	ug/L	11/14/14	AW	608/ 8082
PCB-1260	ND	0.054	0.054	ug/L	11/14/14	AW	608/ 8082
PCB-1262	ND	0.054	0.054	ug/L	11/14/14	AW	608/ 8082
PCB-1268	ND	0.054	0.054	ug/L	11/14/14	AW	608/ 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	59			%	11/14/14	AW	30 - 150 %
% TCMX	60			%	11/14/14	AW	30 - 150 %
<b><u>Semivolatiles</u></b>							
1,2,4-Trichlorobenzene	ND	5	1.8	ug/L	11/17/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.2	ug/L	11/17/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5	1.9	ug/L	11/17/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.2	ug/L	11/17/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.2	ug/L	11/17/14	DD	SW 8270

Client ID: MW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
2,4,5-Trichlorophenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5	2.3	ug/L	11/17/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5	1.9	ug/L	11/17/14	DD	SW 8270
2-Chloronaphthalene	ND	5	1.7	ug/L	11/17/14	DD	SW 8270
2-Chlorophenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
2-Methylnaphthalene	ND	5	1.8	ug/L	11/17/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
2-Nitroaniline	ND	5.0	5	ug/L	11/17/14	DD	SW 8270
2-Nitrophenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.2	ug/L	11/17/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.0	2.8	ug/L	11/17/14	DD	SW 8270
3-Nitroaniline	ND	5.0	5.9	ug/L	11/17/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5	1.7	ug/L	11/17/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
4-Chloroaniline	ND	3.5	2.7	ug/L	11/17/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5	2.0	ug/L	11/17/14	DD	SW 8270
4-Nitroaniline	ND	5.0	2.0	ug/L	11/17/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
Acenaphthene	ND	5	1.8	ug/L	11/17/14	DD	SW 8270
Acetophenone	ND	5	1.8	ug/L	11/17/14	DD	SW 8270
Aniline	ND	3.5	5.9	ug/L	11/17/14	DD	SW 8270
Anthracene	ND	5	1.9	ug/L	11/17/14	DD	SW 8270
Benzidine	ND	4.5	3.5	ug/L	11/17/14	DD	SW 8270
Benzoic acid	ND	25	12	ug/L	11/17/14	DD	SW 8270
Benzyl butyl phthalate	ND	5	1.5	ug/L	11/17/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5	1.6	ug/L	11/17/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1	ug/L	11/17/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5	1.6	ug/L	11/17/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	21	5	1.7	ug/L	11/17/14	DD	SW 8270
Carbazole	ND	25	4.5	ug/L	11/17/14	DD	SW 8270
Dibenzofuran	ND	5	1.7	ug/L	11/17/14	DD	SW 8270
Diethyl phthalate	ND	5	1.9	ug/L	11/17/14	DD	SW 8270
Dimethylphthalate	ND	5	1.8	ug/L	11/17/14	DD	SW 8270
Di-n-butylphthalate	ND	5	1.6	ug/L	11/17/14	DD	SW 8270
Di-n-octylphthalate	ND	5	1.5	ug/L	11/17/14	DD	SW 8270
Fluoranthene	ND	5	1.9	ug/L	11/17/14	DD	SW 8270
Fluorene	ND	5	1.9	ug/L	11/17/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5	1.8	ug/L	11/17/14	DD	SW 8270
Isophorone	ND	5	1.6	ug/L	11/17/14	DD	SW 8270
Naphthalene	ND	5	1.7	ug/L	11/17/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.2	ug/L	11/17/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5	1.9	ug/L	11/17/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5	2.3	ug/L	11/17/14	DD	SW 8270
Phenol	ND	1.0	1	ug/L	11/17/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Pyrene	ND	5	2.0	ug/L	11/17/14	DD	SW 8270
Pyridine	ND	10	1.4	ug/L	11/17/14	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>							
% 2,4,6-Tribromophenol	80			%	11/17/14	DD	19 - 122 %
% 2-Fluorobiphenyl	76			%	11/17/14	DD	30 - 115 %
% 2-Fluorophenol	54			%	11/17/14	DD	25 - 121 %
% Nitrobenzene-d5	71			%	11/17/14	DD	23 - 120 %
% Phenol-d5	52			%	11/17/14	DD	24 - 113 %
% Terphenyl-d14	67			%	11/17/14	DD	18 - 137 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	0.59	0.59	ug/L	11/16/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.12	0.12	ug/L	11/16/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.07	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.07	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	0.04	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	0.06	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Chrysene	0.06	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.47	0.47	ug/L	11/16/14	DD	SW8270 (SIM)
Hexachloroethane	ND	0.59	0.59	ug/L	11/16/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	0.02	0.02	0.02	ug/L	11/16/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.12	0.12	ug/L	11/16/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.12	0.12	ug/L	11/16/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.94	0.94	ug/L	11/16/14	DD	SW8270 (SIM)
Phenanthrene	0.15	0.12	0.12	ug/L	11/16/14	DD	SW8270 (SIM)
<b><u>QA/QC Surrogates</u></b>							
% 2,4,6-Tribromophenol	105			%	11/16/14	DD	15 - 110 %
% 2-Fluorobiphenyl	71			%	11/16/14	DD	30 - 115 %
% 2-Fluorophenol	57			%	11/16/14	DD	15 - 110 %
% Nitrobenzene-d5	86			%	11/16/14	DD	23 - 120 %
% Phenol-d5	58			%	11/16/14	DD	15 - 110 %
% Terphenyl-d14	82			%	11/16/14	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

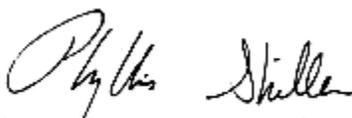
**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**November 20, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**

# Sample Criteria Exceedences Report

## GBH41011 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BH41011	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH41011	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH41011	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH41011	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH41011	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH41011	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH41011	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH41011	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH41011	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH41011	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH41011	\$DP8270-SIMR	Benzo(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH41011	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	0.06	ug/L
BH41011	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.64	0.01	0.1	0.1	0.1	mg/L
BH41011	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.15	0.01	0.3	0.3	0.3	mg/L
BH41011	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	4.09	0.053	0.3	0.3	0.3	mg/L
BH41011	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	122	1.1	20	20	20	mg/L
BH41012	\$DP8270-SIMF	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Groundwater Standards	85	10	50	50	50	ug/L
BH41012	\$DP8270-SIMF	Bis(2-ethylhexyl)phthalate	NY / TOGS - Water Quality / GA Criteria	85	10	5	5	5	ug/L
BH41012	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH41012	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH41012	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH41012	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH41012	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH41012	\$DP8270-SIMR	Benzo(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	0.002	ug/L
BH41012	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH41012	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH41012	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH41012	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH41012	\$DP8270-SIMR	Benzo(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	0.002	ug/L
BH41012	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	0.005	0.004	0.004	0.004	0.004	ug/L
BH41012	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	0.06	ug/L
BH41012	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.26	0.01	0.1	0.1	0.1	mg/L
BH41012	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.774	0.005	0.3	0.3	0.3	mg/L
BH41012	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	326	1.1	20	20	20	mg/L
BH41013	\$DP8270-SIMF	Bis(2-ethylhexyl)phthalate	NY / TOGS - Water Quality / GA Criteria	21	5	5	5	5	ug/L
BH41013	\$DP8270-SIMR	Benzo(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.07	0.02	0.002	0.002	0.002	ug/L
BH41013	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	0.002	ug/L
BH41013	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH41013	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.07	0.02	0.002	0.002	0.002	ug/L
BH41013	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.06	0.02	0.002	0.002	0.002	ug/L

# Sample Criteria Exceedences Report

## GBH41011 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BH41013	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.06	0.02	0.002	0.002		ug/L
BH41013	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.07	0.02	0.002	0.002		ug/L
BH41013	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.06	0.02	0.002	0.002		ug/L
BH41013	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.06	0.02	0.002	0.002		ug/L
BH41013	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.07	0.02	0.002	0.002		ug/L
BH41013	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002		ug/L
BH41013	\$DPPEST_GA	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.030	0.01	0.01		ug/L
BH41013	\$DPPEST_GA	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01		ug/L
BH41013	\$DPPEST_GA	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01		ug/L
BH41013	\$DPPEST_GA	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01		ug/L
BH41013	\$DPPEST_GA	Dieldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.016	0.01	0.01		ug/L
BH41013	\$DPPEST_GA	d-BHC	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.054	0.05	0.05		ug/L
BH41013	\$DPPEST_GA	b-BHC	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.054	0.05	0.05		ug/L
BH41013	\$DPPEST_GA	Aldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.016	0.01	0.01		ug/L
BH41013	\$DPPEST_GA	g-BHC (Lindane)	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.054	0.05	0.05		ug/L
BH41013	\$DPPEST_GA	a-BHC	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.054	0.05	0.05		ug/L
BH41013	\$DPPEST_GA	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.50	0.1	0.1		ug/L
BH41013	\$DPPEST_GA	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.027	0.01	0.01		ug/L
BH41013	\$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.030	0.01	0.01		ug/L
BH41013	\$DPPEST_GA	Heptachlor epoxide	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.03	0.03		ug/L
BH41013	\$DPPEST_GA	Heptachlor	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.04	0.04		ug/L
BH41013	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	2.2	0.06	0.06		ug/L
BH41013	\$DPPEST_GA	g-BHC (Lindane)	NY / TOGS - Water Quality / GA Criteria	ND	0.054	0.05	0.05		ug/L
BH41013	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.016	0.004	0.004		ug/L
BH41013	\$DPPEST_GA	d-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.054	0.04	0.04		ug/L
BH41013	\$DPPEST_GA	b-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.054	0.04	0.04		ug/L
BH41013	\$DPPEST_GA	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.054	0.01	0.01		ug/L
BH41013	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.05	0.05		ug/L
BH41013	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.79	0.01	0.1	0.1		mg/L
BH41013	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	20.0	0.01	0.3	0.3		mg/L
BH41013	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.02	0.005	0.3	0.3		mg/L
BH41013	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	73.6	1.1	20	20		mg/L

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

November 20, 2014

SDG I.D.: GBH41011

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)



**ATTACHMENT F**  
**PHASE II REPORT**

November 11, 2014

Mr. Yoram Barel  
Adam America Real Estate  
850 Third Avenue, Suite 13 D  
New York, NY 10022

**Re: 771-781 Metropolitan, Brooklyn, NY  
Block 2760 Lots 28 and 35**

Dear Mr. Barel:

Environmental Business Consultants (EBC) performed a Phase II subsurface investigation at the above referenced property from September 11 through October 10, 2014 to assess the environmental condition of the property. The purpose of the investigation was to further assess conditions identified in a Phase I Environmental Site Assessment Report (EBC 2014).

### **Property Description**

The Site consists of a single tax lot which is located on the north side of Metropolitan Avenue in the East Williamsburg Section of the Borough of Brooklyn, City of New York, Kings County, New York (**Figure 1**). The Street address associated with the Site is 771-785 Metropolitan Avenue, Brooklyn, New York 11211 and is identified as Block 2760 and Lots 28 and 35 on the New York City (NYC) Tax Map. Combined the lots have a total area of 15,937 square feet (s.f.) and approximately 150 feet of street frontage on Metropolitan Avenue.

The Site is developed with two (2) single-story commercial buildings. Both buildings are currently vacant. The 771 building was most recently used as a shoe store. The 781 building was a White Castle restaurant.

### **Phase I Summary**

The property was developed prior to 1887 with three two-story dwellings, two of which with basements, two single-story carpenters facilities, two stables, a wagon house, two single-story stores and five small single-story structures. In 1905 the Site contained four stables, one carpenter, a single-story building containing rags, another with an office, two small single-story buildings, two stores, one single - and one two-story. The dwellings no longer exist and there is now an open space on the west side of the lot designated as junk. In 1916 the office, a stable and the junk space has now been developed into a rags and paper facility, wagon shed and stable. One of the stables has been replaced with a building designated for hay and feed along with a small stable. The building containing rags is now designated for junk.

In 1942, the rags and paper facility, wagon shed and stable remain the same on the west side of the lot, and the rest of the lot now contains a building containing automobiles, three small single-story structures, and the rest is designated as a pipe yard. A small portion of the northeast side of the current day Site contains the corner of an adjacent building, which in 1942

was being used as an auto repair shop. In 1951 the rags and paper stock building now includes the hay and feed building and the stable. The pipe yard now contains one additional small single-story building. The building on the south side of the lot that contained automobiles is now an iron pipe shop. In 1965 one of the single story structures, in the southeast corner of the lot, is serving as an office.

In 1978 the rags and paper facility is now for waste paper and one of the structures in the center of the pipe yard has been expanded east and south. In 1989 the waste paper facility remains on the west side of the lot remains, and the rest of the Site is now undeveloped except for a commercial building at the center of the Site labeled 'iron'. The site still contains the small portion of the auto repair shop at the northeast corner and it remains this way until at least 2007. In 2008 the commercial building became a fast food restaurant, White Castle, and in 2013 the waste paper facility is listed as a basement corporation.

Based on the reconnaissance of the Site and surrounding properties, interviews and review of historical records and regulatory agency databases, the Phase I Report did not identify any recognized environmental conditions in connection with the Site

The Phase I did note that the properties were both assigned E-designations for Hazmat (E-232) during the Greenpoint - Williamsburg Contextual Rezoning action completed by the City in 2009. In addition Lot 28 also has an E-designation for Noise and Air.

### **Subsurface Investigation**

The field work portion of the investigation was performed on September 11 through October 10, 2014. The work consisted of the installation of eleven soil borings, three monitoring wells and six soil gas implants and the collection and analysis of related samples.

#### *Soil Borings*

Seven soil boring locations (B1 through B7) were selected as shown on **Figure 2** to gain representative soil quality information from across the site. Due to a high lead concentration in boring B5 on Lot 35, four lead delineation borings (B8-B11) were added on October 10.

All borings were advanced with Geoprobe™ direct push equipment using either a 54LT or 6712DT track mounted probe. Soil samples were collected continuously using either a 4 ft or 5 ft dual tube sampling system with disposable acetate liners. Borings B1-B7 were advanced to a depth of 15 feet. Delineation borings B8-B11 were advanced to a total depth of 6 feet. Retrieved sample cores were characterized by an Environmental Professional and field screened for the presence of volatile organic compounds (VOCs) using a photo-ionization detector (PID).

Two soil samples were retained from borings B1-B7 including the 0-2 ft and either the 8-10 or 12-14 ft intervals. Samples from the delineation borings included samples from the 0-2, 2-4 and 4-6 ft intervals with the exception of boring B8 in which only the 2-4 ft interval was obtained. Subsurface obstructions at this location prevented the collection of the additional intervals.

Soil was characterized as a brown silty-sand with some historic fill material mixed in from surface grade to approximately 3 feet below grade followed by a brown silty-sand to the termination depth. Groundwater was present at approximately 24 ft below grade.

#### *Groundwater*

EBC installed three monitoring wells (MW1- MW3) on September 11, 2014 as shown on **Figure 2**. Monitoring wells were constructed of 1" PVC with 10 feet of 0.10 slotted screen set to intersect the water table. Groundwater samples were collected from each monitoring well utilizing a peristaltic pump with a stainless steel check valve and dedicated polyethylene tubing.

#### *Soil Gas*

A total of six soil gas sampling points were installed across the site, as shown on **Figure 2**. All soil gas sampling locations (SG1 through SG6) were installed to a depth of 12 feet below grade.

Prior to sampling, each sampling location was tested to ensure a proper surface seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1ft by 1ft square sheet of plastic adhered to a wetted layer of granular bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector. No surface seal leaks were observed at any of the locations.

Following verification that the surface seal was tight, one to three volumes of air was purged from the implant using a vacuum pump. After purging, a 6-liter SUMMA® canister, fitted with a 2-hour regulator, was attached to the surface tube of each of the implants.

Sample SG3 could not be obtained due to a malfunction with the summa canister. The remaining five soil gas samples were collected and submitted to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301) for analysis of volatile organic compounds (VOCs) by method TO-15.

#### *Sample Handling and Analysis*

Collected samples were appropriately packaged, placed in coolers and shipped via laboratory dispatched courier for delivery to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301).

Soil samples from borings B1-B7 were analyzed for volatile organic compounds (VOCs) by USEPA method 8260, semi-volatile organic Compounds (SVOCs) by USEPA method 8270, pesticides / PCBs by USEPA method 8081/8082 and TAL metals. Soil samples from the

delineation borings (B8-B11) were analyzed for total lead and TCLP lead. Groundwater samples were analyzed for VOCs by USEPA method 8260. Soil gas samples were analyzed for VOCs by EPA method TO15.

## Results

### *Soil*

Soil sample results were compared to the Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives (SCOs) as presented in NYSDEC CP51 Soil Cleanup Guidance (10/21/10). Analytical data for the soil samples are summarized in **Tables 1-4** and a copy of the laboratory analytical report is included in **Appendix A**.

As presented in the attached table, there was one VOC, acetone (maximum 340 µg/Kg), found in five out of sixteen samples. SVOCs including benz(a)anthracene, benzo(a)pyrene, benzo(a)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene and indeno(1,2,3-cd)pyrene were reported above unrestricted and / or restricted residential SCOs in the 0-2 ft interval at four boring locations. PCB-1260 (maximum 160 µg/Kg) was found in two shallow wells above Unrestricted Use SCOs. Metals including arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, silver and zinc were reported above unrestricted and / or restricted residential SCOs in the 0-2 ft sample all seven shallow borings and lead was found above unrestricted SCOs in one deep interval (B5 8-10ft). In addition lead was found above the TCLP threshold of 5 ug/L in borings B5, B8 and B11.

### *Groundwater*

Groundwater results were compared to the New York State Ambient Water Quality Standards and Guidance Values (6 NYCRR Part 703) as presented in the Technical & Operational Guidance Series (TOGS) 1.1.1 (1998). Analytical data for the groundwater samples are summarized in **Table 1**. A copy of the laboratory analytical report is provided in **Appendix A**.

As presented in **Tables 5-8**, there were two VOCs detected above groundwater standards in the groundwater samples, acetone (maximum 800 µg/L) and benzene (maximum 0.79 µg/L). Note that acetone is a common laboratory introduced contaminant.

### *Soil Vapor*

Soil vapor results, as summarized in **Table 9**, show low levels of petroleum VOCs. Tetrachloroethene (PCE) was reported in all five samples at concentrations ranging from 1.83 to 42.9 ug/m<sup>3</sup>. TCE was reported in two of the five samples at concentrations ranging from 2.42 to 9.5 ug/m<sup>3</sup>. A copy of the laboratory analytical report is included in **Appendix A**.

## Conclusions and Recommendations

Subsurface soil at the site consisted of urban fill, which was primarily comprised of brick, concrete, and other debris in a brown sandy matrix to a depth of approximately 3 feet, underlain by native silty-sand to the termination depth of 15 feet below grade. Groundwater is present at a depth of approximately 24 feet below surface grade.

With the exception of acetone, a common laboratory introduced contaminant, there were no VOCs reported above SCOs in any of the soil samples analyzed. The SVOCs, PCBs and metals reported above SCOs are all related to the fill material present on-site and do not indicate a release associated with historic use of the property.

Lead was reported at high concentrations in the 0-2 ft interval of B5. Further delineation of this condition identified an approximate 650 sf area with lead above the TCLP limit to depths of between 2 and 4 ft. Note that under a redevelopment scenario this area will need to be excavated and disposed of separately from the rest of the fill present on -site. Costs for soil disposal with lead above the TCLP criteria will be approximately \$ 125/ton and require an EPA ID number. NYS Waste generation fees will be waived in this case since the work would be part of a redevelopment project performed under the NYC Voluntary Cleanup program.

Two VOCs were reported above groundwater standards, benzene at 0.79 ug/L in MW1 and acetone at 800 ug/L in MW3. Acetone is a common laboratory introduced contaminant which is unlikely to be related to the historic use of the property. The low level of benzene is not of concern and is likely associated with background conditions.

The petroleum VOCs and CVOCs reported in soil gas were also consistent with background conditions in the area. Such detections are commonly reported in soil gas samples in current or former commercial areas of Brooklyn. The PCE and TCE concentrations reported were below recommended NYSDOH mitigation levels. Based on our experience a passive subslab venting system may be required under a redevelopment scenario along with an upgraded vapor barrier (20 mil) which is required on all redevelopment projects with an E-designation. If this portion of the Site were to remain open or if it were to be used for parking then the venting system would not be needed.

Based on the results of the investigation, the past uses of the site have not impacted the environmental condition of the property and no further investigation is warranted. The property does have an E-designation which will require proper handling and disposal of the identified fill materials if the property were to be redeveloped and excavated. In addition, the soil from an approximate 650 ft x 4 foot area which failed the TCLP criteria will require disposal at a New Jersey hazardous waste disposal facility. Please call if you have any questions or would like to discuss the project further.

Very truly yours,

**Environmental Business Consultant**

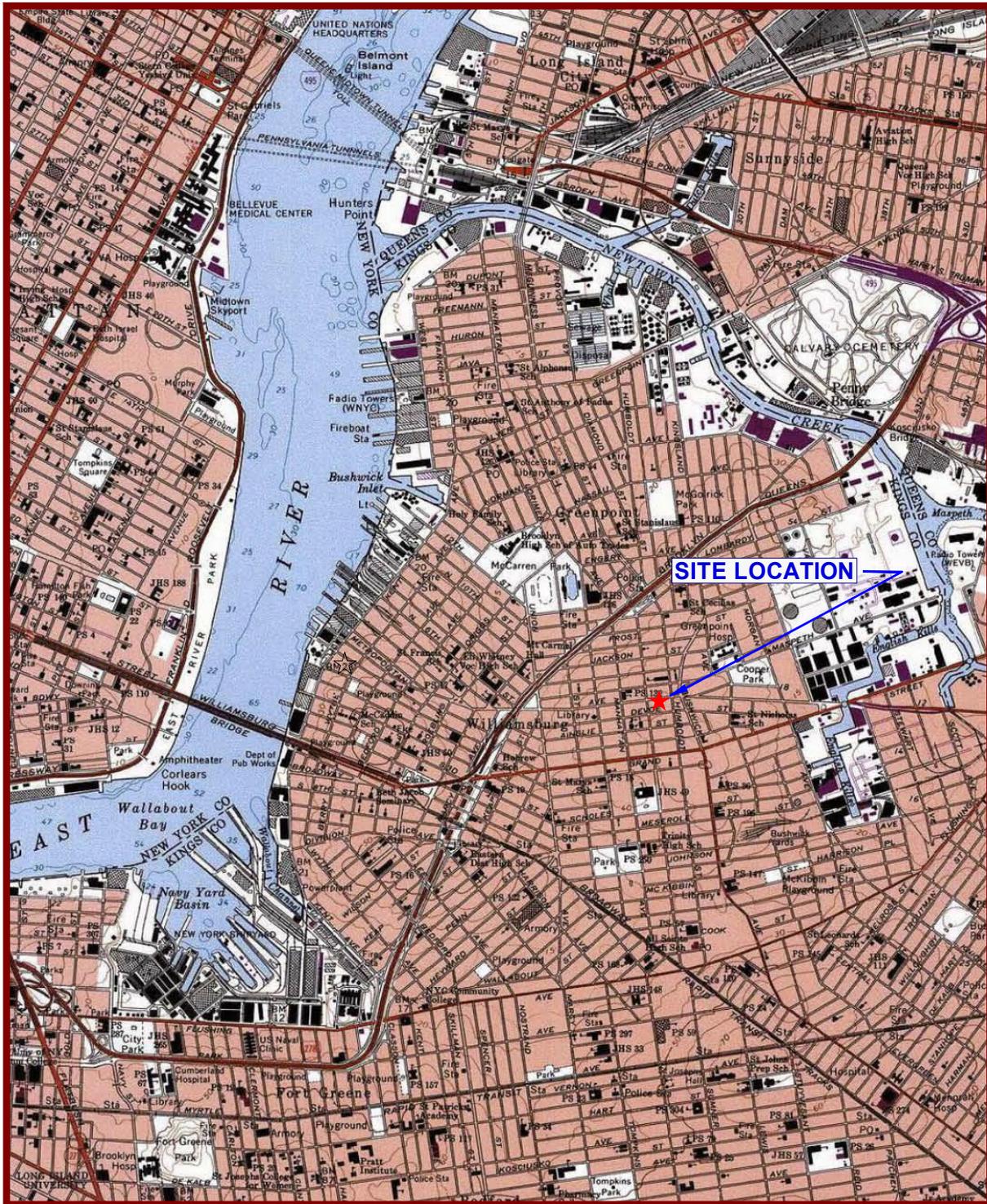


Taylor Hard  
Geologist/Environmental Scientist



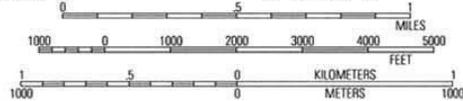
Charles B. Sosik, P.G., P.H.G.  
Principal

# **FIGURES**



40°45.000' N  
40°44.000' N  
40°43.000' N  
40°42.000' N

73°59.000' W      73°58.000' W      73°57.000' W      WGS84 73°56.000' W



MN|TN  
13°  
06/04/11

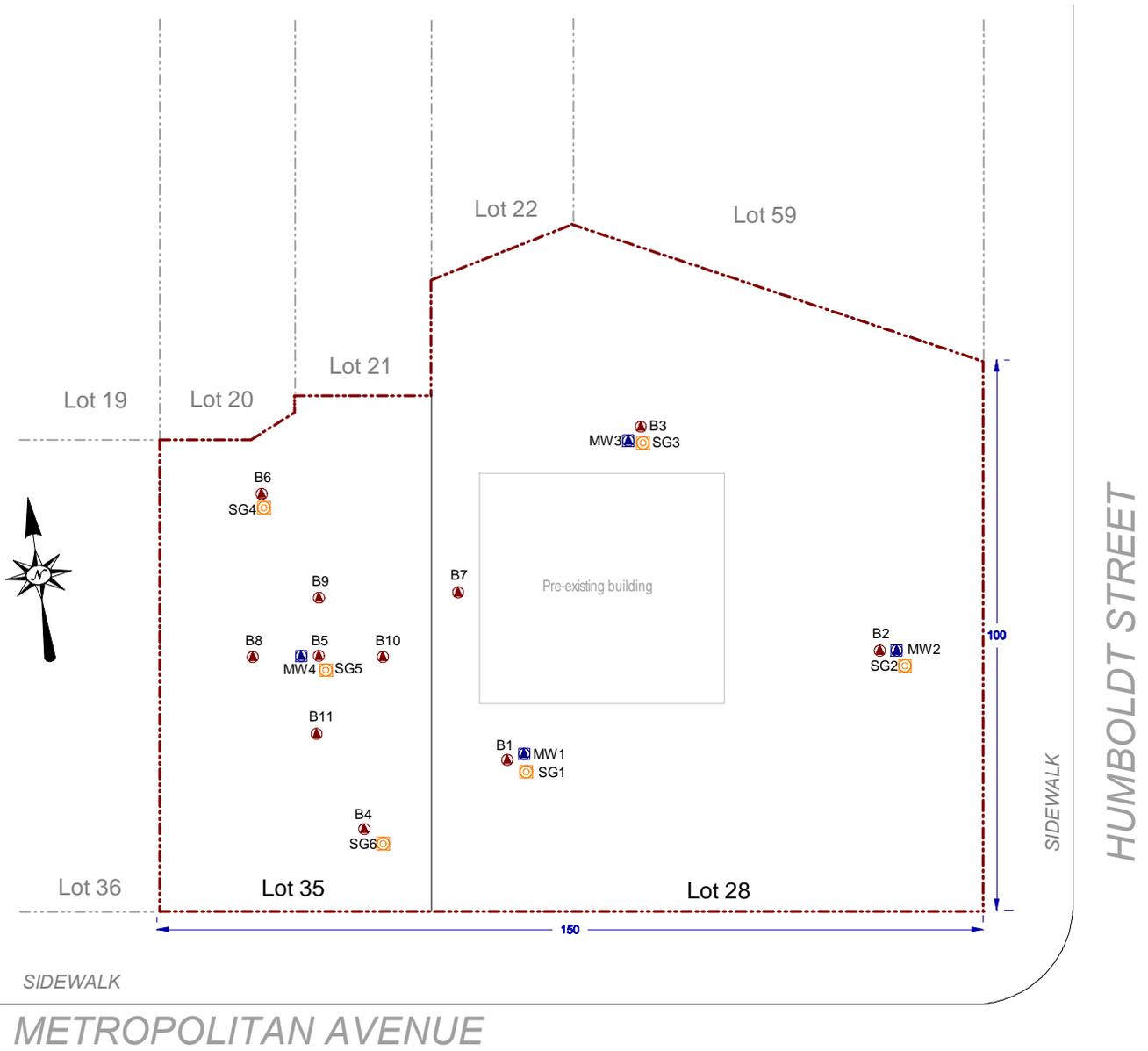
USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

**EBC**  
Environmental Business Consultants

Phone 631.504.6000  
Fax 631.924.2870

771-781 METROPOLITAN AVENUE  
Brooklyn, NY

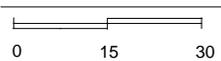
**FIGURE 1** Site Location Map



**KEY:**

- Property Boundary
- Groundwater Sampling Location
- Soil Boring Location
- Soil Gas Sampling Location

**SCALE:**



Scale: 1 inch = 30 feet



Phone 631.504.6000  
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**Figure No.**  
**2**

Site Name: **Redevelopment Project**  
 Site Address: **771-781 Metropolitan Avenue, Brooklyn, NY**  
 Drawing Title: **Site Plan**

# ***TABLES***

Table 1  
 771-785 Metropolitan Avenue,  
 Brooklyn, NY  
 Soil Boring / Well Information

SAMPLE ID	Date	Total Depth (ft)	Diameter (in)	Construction Materials	Screen Length (ft)	DTW (ft)
B1	9/11/2014	15	2	Geoprobe Direct Push	-	-
B2	9/11/2014	15	2	Geoprobe Direct Push	-	-
B3	9/11/2014	15	2	Geoprobe Direct Push	-	-
B4	9/15/2014	10	2	Geoprobe Direct Push	-	-
B5	9/15/2014	10	2	Geoprobe Direct Push	-	-
B6	9/15/2014	16	2	Geoprobe Direct Push	-	-
B7	10/10/2014	16	2	Geoprobe Direct Push	-	-
B8	10/10/2014	8	2	Geoprobe Direct Push	-	-
B9	10/10/2014	8	2	Geoprobe Direct Push	-	-
B10	10/10/2014	8	2	Geoprobe Direct Push	-	-
B11	10/10/2014	8	2	Geoprobe Direct Push	-	-
MW1	9/25/2014	40	1	PVC	10.00	23.92
MW2	9/25/2014	40	1	PVC	10.00	24.70
MW3	9/25/2014	35	1	PVC	10.00	24.41

TABLE 2A  
785 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3			
			(0-2')		(12-14')		(0-2')		(12-14')		(0-2')		(12-14')	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1,1-Trichloroethane	680	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1,2,2-Tetrachloroethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1,2-Trichloroethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1-Dichloroethane	270	26,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1-Dichloroethene	330	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,1-Dichloropropene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2,3-Trichlorobenzene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2,3-Trichloropropane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2,4-Trichlorobenzene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2,4-Trimethylbenzene	3,600	52,000	<b>1.2</b>	8.2	< 9.5	9.5	<b>2.1</b>	9	< 7.4	7.4	< 11	11	< 13	13
1,2-Dibromo-3-chloropropane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2-Dibromomethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2-Dichlorobenzene	1,100	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2-Dichloroethane	20	3,100	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,2-Dichloropropane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,3,5-Trimethylbenzene	8,400	52,000	<b>1.9</b>	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,3-Dichlorobenzene	2,400	4,900	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,3-Dichloropropane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
1,4-Dichlorobenzene	1,800	13,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
2,2-Dichloropropane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
2-Chlorotoluene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
2-Hexanone (Methyl Butyl Ketone)			< 41	41	< 47	47	< 45	45	< 37	37	< 53	53	< 67	67
2-Isopropyltoluene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
4-Chlorotoluene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
4-Methyl-2-Pentanone			< 41	41	< 47	47	< 45	45	< 37	37	< 53	53	< 67	67
Acetone	50	100,000	<b>25</b>	50	<b>11</b>	50	<b>82</b>	45	<b>19</b>	50	<b>340</b>	110	<b>15</b>	50
Acrylonitrile			< 16	16	< 19	19	< 18	18	< 15	15	< 21	21	< 27	27
Benzene	60	4,800	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Bromobenzene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Bromochloromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Bromodichloromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Bromoform			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Bromomethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Carbon Disulfide			<b>3.2</b>	8.2	<b>2.9</b>	9.5	<b>17</b>	9	< 7.4	7.4	<b>8</b>	11	< 13	13
Carbon tetrachloride	760	2,400	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Chlorobenzene	1,100	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Chloroethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Chloroform	370	49,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Chloromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
cis-1,2-Dichloroethene	250	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
cis-1,3-Dichloropropene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Dibromochloromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Dibromomethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Dichlorodifluoromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Ethylbenzene	1,000	41,000	< 8.2	8.2	< 9.5	9.5	<b>2.8</b>	9	< 7.4	7.4	< 11	11	< 13	13
Hexachlorobutadiene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Isopropylbenzene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
m&p-Xylenes	260	100,000	<b>4</b>	8.2	< 9.5	9.5	<b>14</b>	9	< 7.4	7.4	< 11	11	< 13	13
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 49	49	< 57	57	<b>11</b>	54	< 44	44	<b>45</b>	63	< 81	81
Methyl t-butyl ether (MTBE)	930	100,000	< 16	16	< 19	19	< 18	18	< 15	15	< 21	21	< 27	27
Methylene chloride	50	100,000	<b>1.9</b>	8.2	<b>1.9</b>	9.5	<b>2</b>	9	< 7.4	7.4	<b>2.3</b>	11	<b>3.1</b>	13
Naphthalene	12,000	100,000	< 8.2	8.2	< 9.5	9.5	<b>390</b>	320	< 7.4	7.4	< 11	11	< 13	13
n-Butylbenzene	12,000	100,000	<b>1.8</b>	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
n-Propylbenzene	3,900	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
o-Xylene	260	100,000	<b>6.5</b>	8.2	< 9.5	9.5	<b>15</b>	9	< 7.4	7.4	< 11	11	< 13	13
p-Isopropyltoluene			<b>1.8</b>	8.2	< 9.5	9.5	<b>1.3</b>	9	< 7.4	7.4	< 11	11	< 13	13
sec-Butylbenzene	11,000	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Styrene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
tert-Butylbenzene	5,900	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Tetrachloroethene	1,300	19,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Tetrahydrofuran (THF)			< 16	16	< 19	19	< 18	18	< 15	15	< 21	21	< 27	27
Toluene	700	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	<b>48</b>	290	< 13	13
trans-1,2-Dichloroethene	190	100,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
trans-1,3-Dichloropropene			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
trans-1,4-dichloro-2-butene			< 16	16	< 19	19	< 18	18	< 15	15	< 21	21	< 27	27
Trichloroethene	470	21,000	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Trichlorofluoromethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Trichlorotrifluoroethane			< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
Vinyl Chloride	20	900	< 8.2	8.2	< 9.5	9.5	< 9.0	9	< 7.4	7.4	< 11	11	< 13	13
<b>Total BTEX Concentration</b>			<b>10.5</b>		<b>0</b>		<b>31.8</b>		<b>0</b>		<b>48</b>		<b>0</b>	
<b>Total VOCs Concentration</b>			<b>47.3</b>		<b>15.8</b>		<b>537.2</b>		<b>19</b>		<b>443.3</b>		<b>18.1</b>	

Notes:

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

**Bold/highlighted**- Indicated exceedance of the NYSDEC UUSCO Guidance Value

**Bold/highlighted**- Indicated exceedance of the NYSDEC RRSO Guidance Value

TABLE 2B  
771 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B4		B5		B6		B5		B7					
			9/12/2014		9/12/2014		9/12/2014		10/10/2014		10/10/2014					
			(0-2)		(0-10)		(0-2)		(0-10)		(0-2)		(0-2)		(12-14)	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,1,1,2-Trichloroethane	680	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,1,2,2-Tetrachloroethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,1,2-Trichloroethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,1-Dichloroethane	270	26,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,1-Dichloroethane	330	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,1-Dichloropropene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2,3-Trichlorobenzene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2,3-Trichloropropane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2,4-Trichlorobenzene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2,4-Trimethylbenzene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2-Dibromo-3-chloropropane	3,600	52,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2-Dibromomethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2-Dichlorobenzene	1,100	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2-Dichloroethane	20	3,100	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,2-Dichloropropane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,3,5-Trimethylbenzene	8,400	52,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,3-Dichlorobenzene	2,400	4,900	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,3-Dichloropropane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
1,4-Dichlorobenzene	1,800	13,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
2,2-Dichloropropane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
2-Chlorotoluene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
2-Hasanone (Methyl Butyl Ketone)			< 41	41	< 41	41	< 51	51	< 40	40	< 36	36	< 22	22	< 60	60
2-Isopropyltoluene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
4-Chlorotoluene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
4-Methyl-2-Pentanone			< 41	41	< 41	41	< 51	51	< 45	45	< 40	40	< 32	32	< 60	60
Acetone	50	100,000	80	0.3	17	0.3	23	60	13	60	85	90	9.6	50	110	30
Acrylonitrile			< 17	17	< 17	17	< 20	20	< 18	18	< 16	16	< 10	10	< 20	20
Benzene	60	4,800	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Bromobenzene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Bromochloromethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Bromodichloromethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Bromofrom			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Bromomethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Carbon Disulfide			3.4	0.3	< 0.3	0.3	7.4	10	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Carbon tetrachloride	760	2,400	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Chlorobenzene	1,100	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Chloroethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Chloroform	370	49,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Chloromethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
cis-1,2-Dichloroethane	250	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
cis-1,3-Dichloropropane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Dibromochloromethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Dibromomethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Dichlorodifluoromethane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Ethylbenzene	1,000	41,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Hexachlorobutadiene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Isopropylbenzene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
m,p-Xylenes	260	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Methyl Ethyl Ketone (2-Butanone)	120	100,000	15	50	< 50	50	< 61	61	< 53	53	16	44	44	< 30	39	20
Methyl t-butyl ether (MTBE)	930	100,000	< 17	17	< 17	17	< 20	20	< 19	19	< 16	16	< 10	10	< 20	20
Methylene chloride	50	100,000	3.4	0.3	< 0.3	0.3	2.7	10	< 0.3	0.3	1.4	0.3	< 0.3	0.3	< 0.3	0.3
Naphthalene	12,000	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
n-Butylbenzene	12,000	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
n-Propylbenzene	3,900	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
o-Xylene	260	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
p-Isopropyltoluene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
sec-Butylbenzene	11,000	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Styrene			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
tert-Butylbenzene	5,900	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Tetrachloroethane	1,300	19,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
Tetrahydrofuran (THF)			< 17	17	< 17	17	< 20	20	< 18	18	< 16	16	< 10	10	< 20	20
Toluene	700	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
trans-1,2-Dichloroethane	190	100,000	< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
trans-1,3-Dichloropropane			< 0.3	0.3	< 0.3	0.3	< 1.0	1.0	< 0.3	0.3	< 0.3	0.3	< 0.3	0.3	< 1.2	1.2
trans-1,4-dichloro-2-butene			< 17	17	< 17	17	< 20	20	< 1							



TABLE 3B  
771 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B4				B5				B6				B5		B7			
			9/12/2014				9/12/2014				9/12/2014				10/10/2014		10/10/2014			
			(0-2)		(6-10)		(0-2)		(6-10)		(0-2)		(12-14)		(6-10)		(0-2)		(12-14)	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
1,2,4-Trichlorobenzene			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
1,2-Dichlorobenzene			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
1,2-Diphenylhydrazine			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
1,3-Dichlorobenzene			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
1,4-Dichlorobenzene			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
2,4,5-Trichlorophenol			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
2,4,6-Trichlorophenol			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
2,4-Dichlorophenol			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
2,4-Dimethylphenol			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
2,4-Dinitrophenol			< 3,000	3,000	< 1,700	1,700	< 18,000	18,000	< 1,800	1,800	< 18,000	18,000	< 1,800	1,800	< 1,800	1,800	< 1,500	1,500	< 1,600	1,600
2,4-Dinitrotoluene			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
2,6-Dinitrotoluene			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
2-Chloronaphthalene			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
2-Chlorophenol			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
2-Methylnaphthalene			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
2-Methylphenol (o-cresol)	330	100,000	< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
2-Nitroaniline			< 3,000	3,000	< 1,700	1,700	< 18,000	18,000	< 1,800	1,800	< 18,000	18,000	< 1,800	1,800	< 1,800	1,800	< 1,500	1,500	< 1,600	1,600
2-Nitrophenol			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
3&4-Methylphenol (m&p-cresol)	330	100,000	< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
3,3'-Dichlorobenzidine			< 1,500	1,500	< 800	800	< 7,500	7,500	< 700	700	< 7,000	7,000	< 700	700	< 700	700	< 700	700	< 700	700
3-Nitroaniline			< 3,000	3,000	< 1,700	1,700	< 18,000	18,000	< 1,800	1,800	< 18,000	18,000	< 1,800	1,800	< 1,800	1,800	< 1,500	1,500	< 1,600	1,600
4,6-Dinitro-2-methylphenol			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
4-Bromophenyl phenyl ether			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
4-Chloro-3-methylphenol			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
4-Chloroaniline			< 1,500	1,500	< 800	800	< 7,500	7,500	< 700	700	< 7,000	7,000	< 700	700	< 700	700	< 700	700	< 700	700
4-Chlorophenyl phenyl ether			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
4-Nitroaniline			< 3,000	3,000	< 1,700	1,700	< 18,000	18,000	< 1,800	1,800	< 18,000	18,000	< 1,800	1,800	< 1,800	1,800	< 1,500	1,500	< 1,600	1,600
4-Nitrophenol			< 3,000	3,000	< 1,700	1,700	< 18,000	18,000	< 1,800	1,800	< 18,000	18,000	< 1,800	1,800	< 1,800	1,800	< 1,500	1,500	< 1,600	1,600
Acenaphthene	20,000	100,000	< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
Acenaphthylene	100,000	100,000	< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
Acetophenone			< 3,000	3,000	< 1,700	1,700	< 18,000	18,000	< 1,800	1,800	< 18,000	18,000	< 1,800	1,800	< 1,800	1,800	< 1,500	1,500	< 1,600	1,600
Aniline			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
Anthracene	100,000	100,000	< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
Benz(a)anthracene	1,000	1,000	<b>610</b>	610	< 240	240	<b>11,000</b>	2,000	< 250	250	<b>3,600</b>	2,500	< 250	250	< 250	250	<b>1,900</b>	270	< 310	310
Benzo(a)pyrene	1,000	1,000	<b>850</b>	850	< 240	240	<b>13,000</b>	2,000	< 250	250	<b>4,700</b>	2,500	< 250	250	< 250	250	<b>2,100</b>	270	< 310	310
Benzo(b)fluoranthene	1,000	1,000	<b>850</b>	850	< 240	240	<b>13,000</b>	2,000	< 250	250	<b>4,700</b>	2,500	< 250	250	< 250	250	<b>2,100</b>	270	< 310	310
Benzo(g,h,i)perylene	100,000	100,000	<b>380</b>	380	< 240	240	<b>6,300</b>	2,000	< 250	250	<b>2,000</b>	2,500	< 250	250	< 250	250	<b>660</b>	270	< 310	310
Benzo(k)fluoranthene	800	3,900	<b>250</b>	510	< 240	240	<b>4,400</b>	3,500	< 250	250	<b>1,500</b>	2,500	< 250	250	< 250	250	<b>890</b>	270	< 310	310
Benzoic acid			< 3,000	3,000	< 1,700	1,700	< 18,000	18,000	< 1,800	1,800	< 18,000	18,000	< 1,800	1,800	< 1,800	1,800	< 1,500	1,500	< 1,600	1,600
Benzyl butyl phthalate			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
Bis(2-chloroethoxy)methane			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
Bis(2-chloroethyl)ether			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
Bis(2-chloroisopropyl)ether			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
Bis(2-ethylhexyl)phthalate			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
Carbazole			< 3,000	3,000	< 1,700	1,700	< 18,000	18,000	< 1,800	1,800	< 18,000	18,000	< 1,800	1,800	< 1,800	1,800	< 1,500	1,500	< 1,600	1,600
Chrysene	1,000	3,900	<b>720</b>	610	< 240	240	<b>12,000</b>	2,000	< 250	250	<b>3,800</b>	2,500	< 250	250	< 250	250	<b>1,900</b>	270	< 310	310
Dibenz(a,h)anthracene	330	330	< 130	330	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270
Dibenzofuran	7,000	59,000	510	510	< 240	240	<b>2,800</b>	2,000	< 250	250	< 2,500	2,500	< 250	250	< 250	250	<b>150</b>	270	< 310	310
Diethyl phthalate			< 510	510	< 240	240	< 200	2,000	< 350	250	< 3,500	3,500	< 250	250	< 250	250	< 210	210	< 270	270

TABLE 4A  
785 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Pesticides PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3			
				(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	3.3	13,000	< 2.6	2.6	< 2.7	2.7	< 27	27	< 2.7	2.7	< 2.7	2.7	< 2.7	2.7
	4,4' -DDE	3.3	8,900	< 2.6	2.6	< 2.7	2.7	< 27	27	< 2.7	2.7	< 2.7	2.7	< 2.7	2.7
	4,4' -DDT	3.3	7,900	< 4.5	4.5	< 2.7	2.7	< 27	27	< 2.7	2.7	< 7.0	7	< 2.7	2.7
	a-BHC	20	480	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	a-Chlordane	94	4,200	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Aldrin	5	97	< 1.8	1.8	< 1.9	1.9	< 19	19	< 1.9	1.9	< 1.9	1.9	< 1.9	1.9
	b-BHC	36	360	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Chlordane	94	4,200	< 37	37	< 37	37	< 380	380	< 37	37	< 37	37	< 37	37
	d-BHC	40	100,000	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Dieldrin	5	200	< 1.8	1.8	< 1.9	1.9	< 19	19	< 1.9	1.9	< 1.9	1.9	< 1.9	1.9
	Endosulfan I	2,400	24,000	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Endosulfan II	2,400	24,000	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Endosulfan sulfate	2,400	24,000	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Endrin	14	11,000	< 3.7	3.7	< 3.7	3.7	< 38	38	< 4.5	4.5	< 3.7	3.7	< 3.7	3.7
	Endrin aldehyde			< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Endrin ketone			< 1.8	1.8	< 5.5	5.5	< 19	19	< 4.0	4	< 1.9	1.9	< 1.9	1.9
	g-BHC			< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	g-Chlordane			< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Heptachlor	42	2,100	< 3.7	3.7	< 3.7	3.7	< 38	38	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
	Heptachlor epoxide			< 1.8	1.8	< 1.9	1.9	< 19	19	< 1.9	1.9	< 1.9	1.9	< 1.9	1.9
Methoxychlor			< 7.3	7.3	< 7.4	7.4	< 76	76	< 7.5	7.5	< 7.4	7.4	< 7.4	7.4	
Toxaphene			< 180	180	< 190	190	< 1900	1,900	< 190	190	< 190	190	< 190	190	
PCBs	PCB-1016	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37
	PCB-1221	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37
	PCB-1232	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37
	PCB-1242	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37
	PCB-1248	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37
	PCB-1254	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37
	PCB-1260	100	1,000	< 37	37	< 37	37	<b>160</b>	38	< 37	37	< 37	37	< 37	37
	PCB-1262	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37
	PCB-1268	100	1,000	< 37	37	< 37	37	< 38	38	< 37	37	< 37	37	< 37	37

Notes:

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

**Bold/highlighted-** Indicated exceedance of the NYSDEC UUSCO Guidance Value

**Bold/highlighted-** Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 4B  
771 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B4				B5				B6				B5		B7				
			9/12/2014				9/12/2014				9/12/2014				10/10/2014		10/10/2014				
			(0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	
Pesticides	4,4' -DDD	3.3	13,000	< 2.6	2.6	< 2.5	2.5	< 13	13	< 2.5	2.5	< 13	13	< 14	14	-	-	-	-	-	-
	4,4' -DDE	3.3	8,900	< 2.6	2.6	< 2.5	2.5	< 13	13	< 2.5	2.5	< 13	13	< 14	14	-	-	-	-	-	-
	4,4' -DDT	3.3	7,900	< 2.6	2.6	< 2.5	2.5	< 13	13	< 2.5	2.5	< 13	13	< 14	14	-	-	-	-	-	-
	a-BHC	20	480	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	a-Chlordane	94	4,200	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Aldrin	5	97	< 1.8	1.8	< 1.8	1.8	< 9.2	9.2	< 1.8	1.8	< 9.1	9.1	< 9.4	9.4	-	-	-	-	-	-
	b-BHC	36	360	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Chlordane	94	4,200	< 3.6	3.6	< 3.5	3.5	< 180	180	< 3.5	3.5	< 180	180	< 190	190	-	-	-	-	-	-
	d-BHC	40	100,000	<b>7.7</b>	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Dieldrin	5	200	< 1.8	1.8	< 1.8	1.8	< 9.2	9.2	< 1.8	1.8	< 9.1	9.1	< 9.4	9.4	-	-	-	-	-	-
	Endosulfan I	2,400	24,000	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Endosulfan II	2,400	24,000	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Endosulfan sulfate	2,400	24,000	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Endrin	14	11,000	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Endrin aldehyde			< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Endrin ketone			< 3.6	3.6	< 1.8	1.8	< 9.2	9.2	< 3.5	3.5	< 9.1	9.1	< 9.4	9.4	-	-	-	-	-	-
	g-BHC			< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	g-Chlordane			< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Heptachlor	42	2,100	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.5	3.5	< 18	18	< 19	19	-	-	-	-	-	-
	Heptachlor epoxide			< 1.8	1.8	< 1.8	1.8	< 9.2	9.2	< 1.8	1.8	< 9.1	9.1	< 9.4	9.4	-	-	-	-	-	-
Methoxychlor			< 11	11	< 7.1	7.1	< 37	37	< 7.0	7	< 36	36	< 38	38	-	-	-	-	-	-	
Toxaphene			< 180	180	< 180	180	< 920	920	< 180	180	< 910	910	< 940	940	-	-	-	-	-	-	
PCBs	PCB-1016	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1221	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1232	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1242	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1248	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1254	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1260	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	<b>110</b>	38	< 39	39
	PCB-1262	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39
	PCB-1268	100	1,000	< 36	36	< 35	35	< 37	37	< 35	35	< 36	36	< 38	38	< 37	37	< 38	38	< 39	39

Notes:

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5A  
785 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3			
			(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			<b>8,110</b>	35	<b>7,030</b>	37	<b>6,860</b>	36	<b>11,700</b>	37	<b>7,170</b>	37	<b>12,800</b>	36
Antimony			< 1.8	1.8	< 1.8	1.8	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.8	1.8
Arsenic	13	16	<b>7.2</b>	0.7	<b>1.3</b>	0.7	<b>10.6</b>	0.7	< 0.7	0.7	<b>10.6</b>	0.7	<b>1.6</b>	0.7
Barium	350	350	<b>87.3</b>	0.7	<b>34.2</b>	0.7	<b>198</b>	0.7	<b>41.8</b>	0.7	<b>186</b>	0.7	<b>55.4</b>	0.7
Beryllium	7.2	14	<b>0.38</b>	0.28	<b>0.38</b>	0.3	<b>0.33</b>	0.28	<b>0.37</b>	0.3	<b>0.33</b>	0.3	<b>0.61</b>	0.29
Cadmium	2.5	2.5	<b>0.6</b>	0.35	< 0.37	0.37	<b>1.25</b>	0.36	< 0.37	0.37	<b>0.67</b>	0.37	< 0.36	0.36
Calcium			<b>27,300</b>	35	<b>725</b>	37	<b>52,100</b>	36	<b>1,020</b>	37	<b>43,400</b>	37	<b>943</b>	36
Chromium	30	180	<b>18.4</b>	0.35	<b>16.4</b>	0.37	<b>19.4</b>	0.36	<b>25.3</b>	0.37	<b>17.1</b>	0.37	<b>25.9</b>	0.36
Cobalt			<b>5.88</b>	0.35	<b>5.44</b>	0.37	<b>5.6</b>	0.36	<b>13.8</b>	0.37	<b>4.68</b>	0.37	<b>7.47</b>	0.36
Copper	50	270	<b>43.4</b>	0.35	<b>15.2</b>	0.37	<b>112</b>	0.36	<b>14</b>	0.37	<b>77.6</b>	0.37	<b>20.4</b>	0.36
Iron			<b>20,600</b>	35	<b>18,100</b>	37	<b>26,100</b>	36	<b>20,100</b>	37	<b>19,300</b>	37	<b>22,900</b>	36
Lead	63	400	<b>118</b>	0.7	<b>4.6</b>	0.7	<b>352</b>	7.1	<b>4.9</b>	0.7	<b>356</b>	7.4	<b>6.8</b>	0.7
Magnesium			<b>6,670</b>	35	<b>1,510</b>	3.7	<b>7,320</b>	36	<b>4,240</b>	3.7	<b>10,600</b>	37	<b>2,830</b>	3.6
Manganese	1,600	2,000	<b>276</b>	3.5	<b>219</b>	3.7	<b>284</b>	3.6	<b>328</b>	3.7	<b>178</b>	3.7	<b>399</b>	3.6
Mercury	0.18	0.81	<b>0.31</b>	0.09	< 0.07	0.07	<b>0.66</b>	0.07	< 0.08	0.08	<b>2.05</b>	0.08	< 0.07	0.07
Nickel	30	140	<b>12.5</b>	0.35	<b>10.3</b>	0.37	<b>19.3</b>	0.36	<b>18.5</b>	0.37	<b>11.9</b>	0.37	<b>14.4</b>	0.36
Potassium			<b>1,960</b>	7	<b>1,050</b>	7	<b>1,730</b>	7	<b>1,020</b>	7	<b>1,170</b>	7	<b>1,880</b>	7
Selenium	3.9	36	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4
Silver	2	36	< 0.35	0.35	< 0.37	0.37	< 1.0	1	< 0.37	0.37	< 0.37	0.37	< 0.36	0.36
Sodium			<b>546</b>	7	<b>140</b>	7	<b>905</b>	7	<b>206</b>	7	<b>277</b>	7	<b>147</b>	7
Thallium			< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4
Vanadium			<b>27.7</b>	0.4	<b>24.7</b>	0.4	<b>29.4</b>	0.4	<b>25.8</b>	0.4	<b>19.6</b>	0.4	<b>34.3</b>	0.4
Zinc	109	2,200	<b>455</b>	7	<b>23.3</b>	0.7	<b>956</b>	7.1	<b>54.5</b>	0.7	<b>551</b>	7.4	<b>46.2</b>	0.7

**Notes:**

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

**Bold/highlighted-** Indicated exceedance of the NYSDEC UUSCO Guidance Value

**Bold/highlighted-** Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5B  
771 Metropolitan Avenue,  
Brooklyn, New York  
Soil Analytical Results  
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B4				B5				B6				B5		B7			
			9/12/2014				9/13/2014				9/14/2014				10/10/2014		10/10/2014			
			(0-2') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			<b>6,360</b>	38	<b>6,720</b>	37	<b>7,070</b>	34	<b>8,090</b>	34	<b>7,160</b>	33	<b>8,420</b>	36	<b>13,100</b>	36	<b>7,460</b>	37	<b>7,870</b>	35
Antimony			<b>4.6</b>	1.9	< 1.9	1.9	<b>37.6</b>	1.7	< 1.7	1.7	<b>15.5</b>	1.6	< 1.8	1.8	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Arsenic	13	16	<b>15.1</b>	0.8	<b>1.4</b>	0.7	<b>25.1</b>	0.7	< 0.7	0.7	<b>8.3</b>	0.7	< 0.7	0.7	<b>1.8</b>	0.7	<b>9.7</b>	0.7	<b>3.3</b>	0.7
Barium	350	350	<b>109</b>	0.8	<b>17.3</b>	0.7	<b>528</b>	0.7	<b>23.1</b>	0.7	<b>167</b>	0.7	<b>28.7</b>	0.7	<b>49.3</b>	0.7	<b>134</b>	0.7	<b>35.3</b>	0.7
Beryllium	7.2	14	<b>0.35</b>	0.31	< 0.30	0.3	<b>0.22</b>	0.27	<b>0.45</b>	0.28	<b>0.27</b>	0.26	<b>0.75</b>	0.29	<b>0.4</b>	0.28	<b>0.32</b>	0.29	<b>0.44</b>	0.28
Cadmium	2.5	2.5	<b>1.45</b>	0.38	< 0.37	0.37	<b>6.02</b>	0.34	< 0.34	0.34	<b>1.03</b>	0.33	<b>0.46</b>	0.36	< 0.36	0.36	<b>1.45</b>	0.37	< 0.35	0.35
Calcium			<b>7,780</b>	3.8	<b>458</b>	3.7	<b>10,700</b>	34	<b>1,640</b>	3.4	<b>23,600</b>	33	<b>458</b>	3.6	<b>1,410</b>	3.6	<b>12,900</b>	37	<b>880</b>	3.5
Chromium	30	180	<b>29.5</b>	0.38	<b>11.5</b>	0.37	<b>55.5</b>	0.34	<b>17.7</b>	0.34	<b>23.4</b>	0.33	<b>28.4</b>	0.36	<b>24.7</b>	0.36	<b>18.8</b>	0.37	<b>20.2</b>	0.36
Cobalt			<b>16.2</b>	0.38	<b>3.6</b>	0.37	<b>21.4</b>	0.34	<b>8.01</b>	0.34	<b>8.21</b>	0.33	<b>9.81</b>	0.36	<b>8.4</b>	0.36	<b>6.02</b>	0.37	<b>6.98</b>	0.35
Copper	50	270	<b>200</b>	3.8	<b>5.1</b>	0.37	<b>593</b>	3.4	<b>14.2</b>	0.34	<b>153</b>	3.3	<b>23.1</b>	0.36	<b>15.8</b>	0.36	<b>77.4</b>	0.37	<b>10.7</b>	0.35
Iron			<b>81,700</b>	38	<b>13,300</b>	37	<b>75,100</b>	34	<b>18,200</b>	34	<b>21,800</b>	33	<b>57,900</b>	36	<b>20,900</b>	36	<b>28,500</b>	37	<b>26,600</b>	35
Lead	63	400	<b>491</b>	7.6	<b>10.3</b>	7.5	<b>18,100</b>	690	<b>202</b>	6.9	<b>663</b>	6.5	<b>8.9</b>	0.7	<b>7.4</b>	0.7	<b>358</b>	7.4	<b>7.2</b>	0.7
Magnesium			<b>1,600</b>	3.8	<b>1,050</b>	3.7	<b>4,340</b>	3.4	<b>1,350</b>	3.4	<b>2,850</b>	3.3	<b>1,530</b>	3.6	<b>2,830</b>	3.6	<b>2,260</b>	3.7	<b>2,330</b>	3.5
Manganese	1,600	2,000	<b>767</b>	3.8	<b>1,190</b>	3.7	<b>688</b>	3.4	<b>575</b>	3.4	<b>280</b>	3.3	<b>596</b>	3.6	<b>519</b>	3.6	<b>265</b>	3.7	<b>173</b>	3.5
Mercury	0.18	0.81	<b>2</b>	0.06	< 0.07	0.07	<b>41.3</b>	3.9	< 0.06	0.06	<b>2.05</b>	0.09	< 0.08	0.08	< 0.08	0.08	<b>2.16</b>	0.09	< 0.09	0.09
Nickel	30	140	<b>30</b>	0.38	<b>5.22</b>	0.37	<b>77.7</b>	0.34	<b>9.02</b>	0.34	<b>19.6</b>	0.33	<b>13.8</b>	0.36	<b>11.8</b>	0.36	<b>16</b>	0.37	<b>14.2</b>	0.35
Potassium			<b>1,030</b>	76	<b>592</b>	75	<b>1,090</b>	69	<b>762</b>	69	<b>1,660</b>	65	<b>1,250</b>	73	<b>1,630</b>	7	<b>1,090</b>	7	<b>2,100</b>	7
Selenium	3.9	36	<b>1.9</b>	1.5	< 1.5	1.5	<b>3.4</b>	1.4	< 1.4	1.4	< 1.3	1.3	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4
Silver	2	36	< 0.38	0.38	< 0.37	0.37	<b>23.3</b>	0.34	< 0.34	0.34	<b>0.48</b>	0.33	< 0.36	0.36	< 0.36	0.36	< 0.37	0.37	< 0.35	0.35
Sodium			<b>254</b>	8	<b>52</b>	7	<b>799</b>	7	<b>86</b>	7	<b>1,120</b>	7	<b>60</b>	7	<b>208</b>	7	<b>364</b>	7	<b>111</b>	7
Thallium			< 1.5	1.5	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.3	1.3	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4
Vanadium			<b>52.8</b>	0.4	<b>16.3</b>	0.4	<b>32.4</b>	0.3	<b>29.1</b>	0.3	<b>27.6</b>	0.3	<b>33.9</b>	0.4	<b>35.5</b>	0.4	<b>21.9</b>	0.4	<b>28.7</b>	0.4
Zinc	109	2,200	<b>404</b>	7.6	<b>16.9</b>	0.7	<b>2,490</b>	69	<b>25.1</b>	0.7	<b>445</b>	6.5	<b>37.5</b>	0.7	<b>37.2</b>	0.7	<b>556</b>	7.4	<b>37.8</b>	0.7

Notes:

\* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5C  
 771 Metropolitan Avenue,  
 Brooklyn, New York  
 Soil Analytical Results  
 Lead

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B2		B5 10/10/14						B9					
			10/10/2014		10/10/2014						10/10/2014					
			(0-2') mg/Kg		(0-2') mg/Kg		(2-4') mg/Kg		(4-6') mg/Kg		(0-2') mg/Kg		(2-4') mg/Kg		(4-6') mg/Kg	
			Result	RL												
Lead	63	400	248	6.7	3,980	78	1,770	70	145	6.9	1,170	7.5	715	7.2	172	7.3
TCLP Lead			0.1	0.1	5.01	0.1	0.73	0.1	< 0.10	0.1	0.49	0.1	1.13	0.1	0.08	0.1

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B10						B11						B8	
			10/10/2014						10/10/2014						10/10/2014	
			(0-2') mg/Kg		(2-4') mg/Kg		(4-6') mg/Kg		(0-2') mg/Kg		(2-4') mg/Kg		(4-6') mg/Kg		(2-4') mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Lead	63	400	143	7.2	172	7.1	126	6.9	3,590	75	7,280	66	117	7.2	5,100	70
TCLP Lead			0.06	0.1	< 0.10	0.1	0.06	0.1	2.01	0.1	71.4	1	0.12	0.1	18.8	0.1

Table 6  
785 Metropolitan Avenue  
Brooklyn, New York  
Ground Water Analytical Results  
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1		MW2		MW3	
		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachloroethane	5	< 1.0	1	< 1.0	1	< 2.0	2
1,1,1-Trichloroethane	5	< 5.0	5	< 5.0	5	< 10	10
1,1,2,2-Tetrachloroethane	5	< 1.0	1	< 1.0	1	< 2.0	2
1,1,2-Trichloroethane	1	< 1.0	1	< 1.0	1	< 2.0	2
1,1-Dichloroethane	5	< 5.0	5	< 5.0	5	< 10	10
1,1-Dichloroethene	5	< 1.0	1	< 1.0	1	< 2.0	2
1,1-Dichloropropene		< 1.0	1	< 1.0	1	< 2.0	2
1,2,3-Trichlorobenzene		< 1.0	1	< 1.0	1	< 2.0	2
1,2,3-Trichloropropane	0.04	< 1.0	1	< 1.0	1	< 2.0	2
1,2,4-Trichlorobenzene		< 1.0	1	< 1.0	1	< 2.0	2
1,2,4-Trimethylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
1,2-Dibromo-3-chloropropane	0.04	< 1.0	1	< 1.0	1	< 2.0	2
1,2-Dibromoethane		< 1.0	1	< 1.0	1	< 2.0	2
1,2-Dichlorobenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
1,2-Dichloroethane	0.6	< 0.60	0.6	< 0.60	0.6	< 1.2	1.2
1,2-Dichloropropane	0.94	< 1.0	1	< 1.0	1	< 2.0	2
1,3,5-Trimethylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
1,3-Dichlorobenzene		< 1.0	1	< 1.0	1	< 2.0	2
1,3-Dichloropropane	5	< 1.0	1	< 1.0	1	< 2.0	2
1,4-Dichlorobenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
2,2-Dichloropropane	5	< 1.0	1	< 1.0	1	< 2.0	2
2-Chlorotoluene	5	< 1.0	1	< 1.0	1	< 2.0	2
2-Hexanone (Methyl Butyl Ketone)		< 1.0	1	< 1.0	1	< 2.0	2
2-Isopropyltoluene	5	< 1.0	1	< 1.0	1	< 2.0	2
4-Chlorotoluene	5	< 1.0	1	< 1.0	1	< 2.0	2
4-Methyl-2-Pentanone		< 1.0	1	< 1.0	1	< 2.0	2
Acetone		<b>4.3</b>	5	<b>5.2</b>	5	<b>800</b>	500
Acrolein		< 5.0	5	< 5.0	5	< 10	10
Acrylonitrile	5	< 5.0	5	< 5.0	5	< 10	10
Benzene	1	<b>0.79</b>	0.7	<b>0.24</b>	0.7	< 1.4	1.4
Bromobenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
Bromochloromethane	5	< 1.0	1	< 1.0	1	< 2.0	2
Bromodichloromethane		< 1.0	1	< 1.0	1	< 2.0	2
Bromoform		< 5.0	5	< 5.0	5	< 10	10
Bromomethane	5	< 5.0	5	< 5.0	5	< 10	10
Carbon Disulfide	60	< 1.0	1	< 1.0	1	<b>2.8</b>	2
Carbon tetrachloride	5	< 1.0	1	< 1.0	1	< 2.0	2
Chlorobenzene	5	< 5.0	5	< 5.0	5	< 10	10
Chloroethane	5	< 5.0	5	< 5.0	5	< 10	10
Chloroform	7	< 5.0	5	< 5.0	5	< 10	10
Chloromethane	60	<b>0.72</b>	5	< 5.0	5	< 10	10
cis-1,2-Dichloroethene	5	< 1.0	1	< 1.0	1	< 2.0	2
cis-1,3-Dichloropropene		< 0.40	0.4	< 0.40	0.4	< 0.80	0.8
Dibromochloromethane		< 1.0	1	< 1.0	1	< 2.0	2
Dibromomethane	5	< 1.0	1	< 1.0	1	< 2.0	2
Dichlorodifluoromethane	5	< 1.0	1	< 1.0	1	< 2.0	2
Ethylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
Hexachlorobutadiene	0.5	< 0.5	0.5	< 0.5	0.5	< 2.0	2
Isopropylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
m&p-Xylenes	5	< 1.0	1	< 1.0	1	< 2.0	2
Methyl Ethyl Ketone (2-Butanone)		< 1.0	1	< 1.0	1	<b>32</b>	2
Methyl t-butyl ether (MTBE)	10	< 1.0	1	<b>0.99</b>	1	< 2.0	2
Methylene chloride	5	< 3.0	3	< 3.0	3	< 6.0	6
Naphthalene	10	< 1.0	1	< 1.0	1	< 2.0	2
n-Butylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
n-Propylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
o-Xylene	5	< 1.0	1	< 1.0	1	< 2.0	2
p-Isopropyltoluene		< 1.0	1	< 1.0	1	< 2.0	2
sec-Butylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
Styrene	5	< 1.0	1	< 1.0	1	< 2.0	2
tert-Butylbenzene	5	< 1.0	1	< 1.0	1	< 2.0	2
Tetrachloroethane	5	< 1.0	1	< 1.0	1	< 2.0	2
Tetrahydrofuran (THF)		< 5.0	5	< 5.0	5	< 10	10
Toluene	5	< 1.0	1	< 1.0	1	< 2.0	2
trans-1,2-Dichloroethene	5	< 5.0	5	< 5.0	5	< 10	10
trans-1,3-Dichloropropene	0.4	< 0.40	0.4	< 0.40	0.4	< 0.80	0.8
trans-1,4-dichloro-2-butene	5	< 1.0	1	< 1.0	1	< 2.0	2
Trichloroethane		< 1.0	1	< 1.0	1	< 2.0	2
Trichlorofluoromethane	5	< 1.0	1	< 1.0	1	< 2.0	2
Trichlorotrifluoroethane		< 1.0	1	< 1.0	1	< 2.0	2
Vinyl Chloride	2	< 1.0	1	< 1.0	1	< 2.0	2

Notes:

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 7A  
785 Metropolitan Avenue  
Brooklyn, New York  
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value ( $\mu\text{g}/\text{m}^3$ ) <sup>(a)</sup>	NYSDOH Soil Outdoor Background Levels ( $\mu\text{g}/\text{m}^3$ ) <sup>(b)</sup>	SG-1 ( $\mu\text{g}/\text{m}^3$ )		SG-2 ( $\mu\text{g}/\text{m}^3$ )	
			Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1	< 1.00	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	<b>2.4</b>	1	< 1.00	1
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1	< 1.00	1
1,1,2-Trichloroethane		<1.0	< 1.00	1	< 1.00	1
1,1-Dichloroethane		<1.0	<b>12.1</b>	1	<b>1.78</b>	1
1,1-Dichloroethene		<1.0	< 1.00	1	< 1.00	1
1,2,4-Trichlorobenzene		NA	< 1.00	1	< 1.00	1
1,2,4-Trimethylbenzene		<1.0	<b>11.8</b>	1	<b>8.2</b>	1
1,2-Dibromoethane		<1.5	< 1.00	1	< 1.00	1
1,2-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1
1,2-Dichloroethane		<1.0	< 1.00	1	< 1.00	1
1,2-Dichloropropane			< 1.00	1	< 1.00	1
1,2-Dichlorotetrafluoroethane			< 1.00	1	< 1.00	1
1,3,5-Trimethylbenzene		<1.0	<b>4.27</b>	1	<b>3.14</b>	1
1,3-Butadiene		NA	< 1.00	1	< 1.00	1
1,3-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1
1,4-Dichlorobenzene		NA	< 1.00	1	< 1.00	1
1,4-Dioxane			< 1.00	1	< 1.00	1
2-Hexanone			< 1.00	1	< 1.00	1
4-Ethyltoluene		NA	<b>1.42</b>	1	< 1.00	1
4-Isopropyltoluene			< 1.00	1	< 1.00	1
4-Methyl-2-pentanone			< 1.00	1	< 1.00	1
Acetone		NA	<b>136</b>	1	< 1.00	1
Acrylonitrile			< 1.00	1	< 1.00	1
Benzene		<1.6 - 4.7	<b>28.2</b>	1	<b>6.42</b>	1
Benzyl Chloride		NA	< 1.00	1	< 1.00	1
Bromodichloromethane		<5.0	< 1.00	1	< 1.00	1
Bromoform		<1.0	< 1.00	1	< 1.00	1
Bromomethane		<1.0	< 1.00	1	< 1.00	1
Carbon Disulfide		NA	<b>8.09</b>	1	<b>63.2</b>	1
Carbon Tetrachloride	5	<3.1	< 0.25	0.25	< 0.25	0.25
Chlorobenzene		<2.0	< 1.00	1	< 1.00	1
Chloroethane		NA	<b>1.26</b>	1	< 1.00	1
Chloroform		<2.4	<b>9.81</b>	1	< 1.00	1
Chloromethane		<1.0 - 1.4	< 1.00	1	< 1.00	1
cis-1,2-Dichloroethene		<1.0	<b>1.43</b>	1	< 1.00	1
cis-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1
Cyclohexane		NA	<b>4.75</b>	1	<b>12</b>	1
Dibromochloromethane		<5.0	< 1.00	1	< 1.00	1
Dichlorodifluoromethane		NA	<b>39.2</b>	1	<b>19.3</b>	1
Ethanol			<b>10.2</b>	1	<b>6.18</b>	1
Ethyl Acetate		NA	< 1.00	1	< 1.00	1
Ethylbenzene		<4.3	<b>5.73</b>	1	<b>4.17</b>	1
Heptane		NA	<b>5.53</b>	1	<b>14</b>	1
Hexachlorobutadiene		NA	< 1.00	1	< 1.00	1
Hexane		<1.5	<b>14.3</b>	1	<b>45.1</b>	1
Isopropylalcohol		NA	< 1.00	1	< 1.00	1
Isopropylbenzene			<b>1.18</b>	1	<b>4.13</b>	1
Xylene (m&p)		<4.3	<b>17.4</b>	1	<b>11.3</b>	1
Methyl Ethyl Ketone			<b>5.13</b>	1	<b>3.3</b>	1
MTBE		NA	< 1.00	1	<b>15.8</b>	1
Methylene Chloride		<3.4	<b>39.2</b>	1	<b>10.8</b>	1
n-Butylbenzene			<b>1.64</b>	1	<b>1.81</b>	1
Xylene (o)		<4.3	<b>7.98</b>	1	<b>7.46</b>	1
Propylene		NA	<b>24.2</b>	1	<b>626</b>	1
sec-Butylbenzene			< 1.00	1	<b>2.36</b>	1
Styrene		<1.0	< 1.00	1	< 1.00	1
Tetrachloroethene	100		<b>10.3</b>	0.25	<b>10.2</b>	0.25
Tetrahydrofuran		NA	< 1.00	1	< 1.00	1
Toluene		1.0 - 6.1	<b>19.3</b>	1	<b>13.7</b>	1
trans-1,2-Dichloroethene		NA	< 1.00	1	< 1.00	1
trans-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1
Trichloroethene	5	<1.7	<b>9.5</b>	0.25	<b>2.42</b>	0.25
Trichlorofluoromethane		NA	<b>9.88</b>	1	<b>209</b>	1
Trichlorotrifluoroethane			< 1.00	1	< 1.00	1
Vinyl Chloride		<1.0	< 0.25	0.25	< 0.25	0.25
<b>BTEX</b>			<b>78.61</b>		<b>43.05</b>	
<b>Total VOCs</b>			<b>389.31</b>		<b>997.55</b>	

Notes:

NA - No guidance value or standard available

(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, New York State Department of Health.

(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH

TABLE 7B  
 771 Metropolitan Avenue  
 Brooklyn, New York  
 Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m <sup>3</sup> ) <sup>(a)</sup>	NYSDOH Soil Outdoo Background Levels (µg/m <sup>3</sup> ) <sup>(b)</sup>	SG-4 (µg/m <sup>3</sup> )		SG-5 (µg/m <sup>3</sup> )		SG-6 (µg/m <sup>3</sup> )	
			Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1	< 1.00	1	< 1.00	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	<b>1.2</b>	1	<b>1.09</b>	1	<b>1.47</b>	1
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1	< 1.00	1	< 1.00	1
1,1,2-Trichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trichlorobenzene		NA	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trimethylbenzene		<1.0	<b>7.02</b>	1	<b>5.9</b>	1	<b>6.29</b>	1
1,2-Dibromoethane		<1.5	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichloropropane			< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorotetrafluoroethane			< 1.00	1	< 1.00	1	< 1.00	1
1,3,5-Trimethylbenzene		<1.0	<b>1.82</b>	1	<b>1.67</b>	1	<b>1.67</b>	1
1,3-Butadiene		NA	< 1.00	1	< 1.00	1	< 1.00	1
1,3-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1
1,4-Dichlorobenzene		NA	< 1.00	1	< 1.00	1	< 1.00	1
1,4-Dioxane			< 1.00	1	< 1.00	1	< 1.00	1
2-Hexanone			< 1.00	1	< 1.00	1	< 1.00	1
4-Ethyltoluene		NA	<b>1.47</b>	1	<b>1.47</b>	1	<b>1.33</b>	1
4-Isopropyltoluene			< 1.00	1	< 1.00	1	< 1.00	1
4-Methyl-2-pentanone			<b>1.72</b>	1	<b>2.5</b>	1	<b>2.33</b>	1
Acetone		NA	<b>4.06</b>	1	<b>4.89</b>	1	<b>5.08</b>	1
Acrylonitrile			< 1.00	1	< 1.00	1	< 1.00	1
Benzene		<1.6 - 4.7	< 1.00	1	< 1.00	1	< 1.00	1
Benzyl Chloride		NA	< 1.00	1	< 1.00	1	< 1.00	1
Bromodichloromethane		<5.0	< 1.00	1	< 1.00	1	< 1.00	1
Bromoform		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
Bromomethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
Carbon Disulfide		NA	< 1.00	1	<b>9.62</b>	1	< 1.00	1
Carbon Tetrachloride	5	<3.1	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
Chlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1
Chloroethane		NA	< 1.00	1	< 1.00	1	< 1.00	1
Chloroform		<2.4	< 1.00	1	< 1.00	1	<b>1.27</b>	1
Chloromethane		<1.0 - 1.4	< 1.00	1	< 1.00	1	< 1.00	1
cis-1,2-Dichloroethene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
cis-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 1.00	1
Cyclohexane		NA	< 1.00	1	< 1.00	1	< 1.00	1
Dibromochloromethane		<5.0	< 1.00	1	< 1.00	1	< 1.00	1
Dichlorodifluoromethane		NA	<b>2.37</b>	1	<b>50.9</b>	1	<b>13.2</b>	1
Ethanol			<b>14.1</b>	1	<b>17.3</b>	1	<b>16.2</b>	1
Ethyl Acetate		NA	<b>1.12</b>	1	<b>2.05</b>	1	<b>2.27</b>	1
Ethylbenzene		<4.3	<b>2.52</b>	1	<b>2.6</b>	1	<b>2</b>	1
Heptane		NA	<b>1.35</b>	1	<b>9.09</b>	1	< 1.00	1
Hexachlorobutadiene		NA	< 1.00	1	< 1.00	1	< 1.00	1
Hexane		<1.5	<b>1.3</b>	1	<b>2.22</b>	1	<b>3.84</b>	1
Isopropylalcohol		NA	< 1.00	1	< 1.00	1	< 1.00	1
Isopropylbenzene			< 1.00	1	< 1.00	1	< 1.00	1
Xylene (m&p)		<4.3	<b>9.37</b>	1	<b>9.5</b>	1	<b>8.55</b>	1
Methyl Ethyl Ketone			<b>1.68</b>	1	<b>1.33</b>	1	<b>2</b>	1
MTBE		NA	< 1.00	1	< 1.00	1	< 1.00	1
Methylene Chloride		<3.4	<b>1.46</b>	1	<b>1.28</b>	1	<b>4.13</b>	1
n-Butylbenzene			< 1.00	1	< 1.00	1	< 1.00	1
Xylene (o)		<4.3	<b>4.34</b>	1	<b>4.43</b>	1	<b>4.12</b>	1
Propylene		NA	< 1.00	1	<b>3.2</b>	1	< 1.00	1
sec-Butylbenzene			< 1.00	1	< 1.00	1	< 1.00	1
Styrene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
Tetrachloroethene	100		<b>2.85</b>	0.25	<b>1.83</b>	0.25	<b>42.9</b>	0.25
Tetrahydrofuran		NA	< 1.00	1	< 1.00	1	< 1.00	1
Toluene		1.0 - 6.1	<b>3.73</b>	1	<b>3.43</b>	1	<b>2.6</b>	1
trans-1,2-Dichloroethene		NA	< 1.00	1	< 1.00	1	< 1.00	1
trans-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 1.00	1
Trichloroethene	5	<1.7	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
Trichlorofluoromethane		NA	<b>1.68</b>	1	<b>13.6</b>	1	<b>27.3</b>	1
Trichlorotrifluoroethane			< 1.00	1	< 1.00	1	< 1.00	1
Vinyl Chloride		<1.0	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
<b>BTEX</b>			<b>19.96</b>		<b>19.96</b>		<b>17.27</b>	
<b>Total VOCs</b>			<b>65.16</b>		<b>149.90</b>		<b>148.55</b>	

Notes:

NA No guidance value or standard available

(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, New York State Department of Health.

(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds

# **APPENDIX A**

## ***Boring Logs***

# Geologic Boring Log Details



## B1 Boring Log

Location: Performed on the southeast side of the Site closer to Metropolitan Avenue.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: AAR1403	Address: 781 Metropolitan Avenue, Brooklyn, NY	Date	DTW
Drilling Company: C <sup>2</sup> Environmental		Groundwater depth	
Method: Geoprobe		Not Detected	
Date Started: 9/11/2014	Date Completed: 9/11/2014	Well Specifications  None	
Completion Depth: 15 Feet	Geologist: Reuben Levinton		

B1 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				4"- Gravel 5"- Brown sand with rock and brick 8"- Brown silty sand 1"- Brick 14"- Brown silty sand <i>*Retained soil sample B1(0-2')</i>
	to 5	32		45 to 50	11"- Brown silty sand, moist 7"- Clay with rock at bottom 14"- Brown sand
	to 15	32		0.0	3"- Silty clay, orange and white 19"- Brown silty sand, dry to moist 6"- Brown sand, wet 4"- Orange, gray clay 1"- Compressed orange silty sand 8"- Sand with rock at top, brown <i>*Retained soil sample B1(12-14')</i>
	10	41		0.0	
	15				

# Geologic Boring Log Details



## B2 Boring Log

Location: Performed on the east side of the Site near Humboldt Street.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: AAR1403	Address: 781 Metropolitan Avenue, Brooklyn, NY	Date	DTW
Drilling Company: C <sup>2</sup> Environmental		Method: Geoprobe	Groundwater depth
Date Started: 9/11/2014	Date Completed: 9/11/2014	Not Detected	Well Specifications
Completion Depth: 15 Feet	Geologist: Reuben Levinton		None

B2 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
0	0				4"- Gravel and cement 16"- Brown silty sand with rocks 1"- Rock 6"- Brown/black silty sand with rock 3"- Brick 5"- Black gravely sand w/ white clay on bottom 4"- Brown silty sand 6"- Black clay <i>*Retained soil sample B2(0-2')</i>
to	45			0.0	12"- Brown silty, moist 26"- Gray clay, dry
5	to	38		0	
10	to	45		0.0	3"- Gray clay 1"- Gray sand/gravel 41"- Brown silty sand, moist  <i>*Retained soil sample B2(12-14')</i>
15					





# Geologic Boring Log Details



## B5 Boring Log

Location: Performed north of B4 towards the center of Site.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: AAR1403	Address: 771 Metropolitan Ave, Brooklyn, NY	Date	DTW
Drilling Company: C <sup>2</sup> Environmental		Groundwater depth	
Method: Geoprobe		Not Detected	
Date Started: 9/15/2014	Date Completed: 9/15/2014	Well Specifications	
Completion Depth: 10 Feet	Geologist: Reuben Levinton	None	

B5 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				4"- Cement dust 2"- Brown/black gravely sand 3"- Brown/gray silt 2"- Dark brown sand w/ rock 2"- Black/white gravely sand w/ rock and glass 3"- Brown silty sand 5"- Black silty sand 2"- Brown silty sand 1"- Black silty sand <i>*Retained soil sample B5(0-2')</i>
	to	24		0.0	
	4				
	to	23		0.0	16"- Brown silty sand 7"- Brown/gray silt
	8				13"- Brown/red sand with rocks *Refusal hit 10'  <i>*Retained soil sample B5(8-10')</i>
	to	13		0.0	
	10				









# Geologic Boring Log Details



## B10 Boring Log

Location: Performed to the east of B5, near the boarder of the two Sites.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: AAR1403	Address: 771 Metropolitan Avenue, Brooklyn, NY	Date	DTW
Drilling Company: C <sup>2</sup> Environmental		Groundwater depth	
Method: Geoprobe		Not Detected	
Date Started: 10/10/2014	Date Completed: 10/10/2014	Well Specifications  None	
Completion Depth: 8 Feet	Geologist: Reuben Levinton		

B10 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				2"- Rock
	to	10		0.0	8"- Brown silty sand
	4				<i>*Retained soil sample B10(0-2') &amp; B10(2-4')</i>
	to	6		0.0	6"- Brown silty sand
	8				<i>*Retained soil sample B10(4-6')</i>



# **APPENDIX B**

## ***Laboratory Reports***



Thursday, September 18, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 781 METROPOLITAN AVE  
Sample ID#s: BH13119 - BH13124

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

September 18, 2014

SDG I.D.: GBH13119

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Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

9:00  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13119

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 1 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35	0.35	0.35	mg/Kg	09/15/14	LK	SW6010
Aluminum	8110	35	7.0	mg/Kg	09/15/14	LK	SW6010
Arsenic	7.2	0.7	0.70	mg/Kg	09/15/14	LK	SW6010
Barium	87.3	0.7	0.35	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.38	0.28	0.14	mg/Kg	09/15/14	LK	SW6010
Calcium	27300	35	32	mg/Kg	09/15/14	LK	SW6010
Cadmium	0.60	0.35	0.14	mg/Kg	09/15/14	LK	SW6010
Cobalt	5.88	0.35	0.35	mg/Kg	09/15/14	LK	SW6010
Chromium	18.4	0.35	0.35	mg/Kg	09/15/14	LK	SW6010
Copper	43.4	0.35	0.35	mg/kg	09/15/14	LK	SW6010
Iron	20600	35	35	mg/Kg	09/15/14	LK	SW6010
Mercury	0.31	0.09	0.05	mg/Kg	09/15/14	RS	SW-7471
Potassium	1960	N 7	2.7	mg/Kg	09/16/14	LK	SW6010
Magnesium	6670	35	35	mg/Kg	09/15/14	LK	SW6010
Manganese	276	3.5	3.5	mg/Kg	09/15/14	LK	SW6010
Sodium	546	N 7	3.0	mg/Kg	09/16/14	LK	SW6010
Nickel	12.5	0.35	0.35	mg/Kg	09/15/14	LK	SW6010
Lead	118	0.7	0.35	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	09/15/14	LK	SW6010
Vanadium	27.7	0.4	0.35	mg/Kg	09/15/14	LK	SW6010
Zinc	455	7.0	3.5	mg/Kg	09/15/14	LK	SW6010
Percent Solid	90			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	80			%	09/13/14	AW	30 - 150 %
% TCMX	87			%	09/13/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.6	2.6	ug/Kg	09/13/14	CE	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	09/13/14	CE	SW8081
4,4' -DDT	ND	4.5	4.5	ug/Kg	09/13/14	CE	SW8081
a-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	09/13/14	CE	SW8081
b-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	09/13/14	CE	SW8081
d-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	09/13/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	09/13/14	CE	SW8081
g-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	09/13/14	CE	SW8081
Methoxychlor	ND	7.3	7.3	ug/Kg	09/13/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	09/13/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	80			%	09/13/14	CE	30 - 150 %
% TCMX	79			%	09/13/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.2	0.81	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloroethane	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.2	1.8	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloropropene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trimethylbenzene	1.2	J 8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.2	2.2	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromoethane	ND	8.2	2.2	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.2	0.90	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloroethane	ND	8.2	0.72	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloropropane	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
1,3,5-Trimethylbenzene	1.9	J 8.2	1.1	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichloropropane	ND	8.2	0.87	ug/Kg	09/13/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
2,2-Dichloropropane	ND	8.2	1.4	ug/Kg	09/13/14	JLI	SW8260
2-Chlorotoluene	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
2-Hexanone	ND	41	3.7	ug/Kg	09/13/14	JLI	SW8260
2-Isopropyltoluene	ND	8.2	1.1	ug/Kg	09/13/14	JLI	SW8260
4-Chlorotoluene	ND	8.2	0.95	ug/Kg	09/13/14	JLI	SW8260
4-Methyl-2-pentanone	ND	41	2.0	ug/Kg	09/13/14	JLI	SW8260
Acetone	25	JS 50	8.2	ug/Kg	09/13/14	JLI	SW8260
Acrylonitrile	ND	16	4.6	ug/Kg	09/13/14	JLI	SW8260
Benzene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
Bromobenzene	ND	8.2	1.1	ug/Kg	09/13/14	JLI	SW8260
Bromochloromethane	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
Bromodichloromethane	ND	8.2	1.0	ug/Kg	09/13/14	JLI	SW8260
Bromoform	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
Bromomethane	ND	8.2	6.3	ug/Kg	09/13/14	JLI	SW8260
Carbon Disulfide	3.2	J 8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
Carbon tetrachloride	ND	8.2	0.95	ug/Kg	09/13/14	JLI	SW8260
Chlorobenzene	ND	8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
Chloroethane	ND	8.2	1.9	ug/Kg	09/13/14	JLI	SW8260
Chloroform	ND	8.2	1.5	ug/Kg	09/13/14	JLI	SW8260
Chloromethane	ND	8.2	4.3	ug/Kg	09/13/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.2	1.8	ug/Kg	09/13/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.2	0.89	ug/Kg	09/13/14	JLI	SW8260
Dibromochloromethane	ND	8.2	0.92	ug/Kg	09/13/14	JLI	SW8260
Dibromomethane	ND	8.2	1.0	ug/Kg	09/13/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.2	2.2	ug/Kg	09/13/14	JLI	SW8260
Ethylbenzene	ND	8.2	1.5	ug/Kg	09/13/14	JLI	SW8260
Hexachlorobutadiene	ND	8.2	1.7	ug/Kg	09/13/14	JLI	SW8260
Isopropylbenzene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
m&p-Xylene	4.0	J 8.2	3.2	ug/Kg	09/13/14	JLI	SW8260
Methyl Ethyl Ketone	ND	49	7.1	ug/Kg	09/13/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	16	2.3	ug/Kg	09/13/14	JLI	SW8260
Methylene chloride	1.9	JS 8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
Naphthalene	ND	8.2	2.2	ug/Kg	09/13/14	JLI	SW8260
n-Butylbenzene	1.8	J 8.2	1.5	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	8.2	1.5	ug/Kg	09/13/14	JLI	SW8260
o-Xylene	6.5	J 8.2	3.1	ug/Kg	09/13/14	JLI	SW8260
p-Isopropyltoluene	1.8	J 8.2	1.2	ug/Kg	09/13/14	JLI	SW8260
sec-Butylbenzene	ND	8.2	1.5	ug/Kg	09/13/14	JLI	SW8260
Styrene	ND	8.2	2.4	ug/Kg	09/13/14	JLI	SW8260
tert-Butylbenzene	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
Tetrachloroethene	ND	8.2	1.7	ug/Kg	09/13/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	16	7.4	ug/Kg	09/13/14	JLI	SW8260
Toluene	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.2	1.6	ug/Kg	09/13/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.2	1.7	ug/Kg	09/13/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	16	15	ug/Kg	09/13/14	JLI	SW8260
Trichloroethene	ND	8.2	1.7	ug/Kg	09/13/14	JLI	SW8260
Trichlorofluoromethane	ND	8.2	1.8	ug/Kg	09/13/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.2	1.3	ug/Kg	09/13/14	JLI	SW8260
Vinyl chloride	ND	8.2	2.7	ug/Kg	09/13/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	102			%	09/13/14	JLI	70 - 121 %
% Bromofluorobenzene	124			%	09/13/14	JLI	59 - 113 %
% Dibromofluoromethane	105			%	09/13/14	JLI	70 - 130 %
% Toluene-d8	103			%	09/13/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270
1,3-Dichlorobenzene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
1,4-Dichlorobenzene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	09/13/14	KCA	SW 8270
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dichlorophenol	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dimethylphenol	ND	250	89	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrophenol	ND	1800	250	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	09/13/14	KCA	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	09/13/14	KCA	SW 8270
2-Nitroaniline	ND	1800	360	ug/Kg	09/13/14	KCA	SW 8270
2-Nitrophenol	ND	250	230	ug/Kg	09/13/14	KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	09/13/14	KCA	SW 8270
3,3'-Dichlorobenzidine	ND	720	170	ug/Kg	09/13/14	KCA	SW 8270
3-Nitroaniline	ND	1800	780	ug/Kg	09/13/14	KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	09/13/14	KCA	SW 8270
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
4-Chloroaniline	ND	720	170	ug/Kg	09/13/14	KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1800	120	ug/Kg	09/13/14	KCA	SW 8270
4-Nitrophenol	ND	1800	160	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthylene	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Acetophenone	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Aniline	ND	1800	720	ug/Kg	09/13/14	KCA	SW 8270
Anthracene	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270
Benz(a)anthracene	480	250	120	ug/Kg	09/13/14	KCA	SW 8270
Benzidine	ND	720	210	ug/Kg	09/13/14	KCA	SW 8270
Benzo(a)pyrene	450	250	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(b)fluoranthene	700	250	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(ghi)perylene	160	J 250	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(k)fluoranthene	260	250	120	ug/Kg	09/13/14	KCA	SW 8270
Benzoic acid	ND	1800	720	ug/Kg	09/13/14	KCA	SW 8270
Benzyl butyl phthalate	ND	250	93	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	250	97	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-ethylhexyl)phthalate	120	J 250	100	ug/Kg	09/13/14	KCA	SW 8270
Carbazole	ND	1800	270	ug/Kg	09/13/14	KCA	SW 8270
Chrysene	500	250	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenzofuran	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Di-n-butylphthalate	ND	250	95	ug/Kg	09/13/14	KCA	SW 8270
Di-n-octylphthalate	ND	250	93	ug/Kg	09/13/14	KCA	SW 8270
Fluoranthene	810	250	120	ug/Kg	09/13/14	KCA	SW 8270
Fluorene	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobenzene	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Indeno(1,2,3-cd)pyrene	140	J 250	120	ug/Kg	09/13/14	KCA	SW 8270
Isophorone	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Naphthalene	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
Nitrobenzene	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	09/13/14	KCA	SW 8270
Pentachlorophenol	ND	250	140	ug/Kg	09/13/14	KCA	SW 8270
Phenanthrene	450	250	100	ug/Kg	09/13/14	KCA	SW 8270
Phenol	ND	250	110	ug/Kg	09/13/14	KCA	SW 8270
Pyrene	790	250	120	ug/Kg	09/13/14	KCA	SW 8270
Pyridine	ND	250	88	ug/Kg	09/13/14	KCA	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	75			%	09/13/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	81			%	09/13/14	KCA	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	86			%	09/13/14	KCA	25 - 121 %
% Nitrobenzene-d5	78			%	09/13/14	KCA	23 - 120 %
% Phenol-d5	84			%	09/13/14	KCA	24 - 113 %
% Terphenyl-d14	88			%	09/13/14	KCA	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

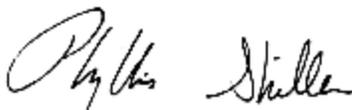
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

9:15  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13120

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 1 12-14 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Aluminum	7030	37	7.4	mg/Kg	09/15/14	LK	SW6010
Arsenic	1.3	0.7	0.74	mg/Kg	09/15/14	LK	SW6010
Barium	34.2	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.38	0.30	0.15	mg/Kg	09/15/14	LK	SW6010
Calcium	725	37	34	mg/Kg	09/15/14	LK	SW6010
Cadmium	< 0.37	0.37	0.15	mg/Kg	09/15/14	LK	SW6010
Cobalt	5.44	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Chromium	16.4	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Copper	15.2	0.37	0.37	mg/kg	09/15/14	LK	SW6010
Iron	18100	37	37	mg/Kg	09/15/14	LK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	09/15/14	RS	SW-7471
Potassium	1050	N 7	2.9	mg/Kg	09/16/14	LK	SW6010
Magnesium	1510	3.7	3.7	mg/Kg	09/15/14	LK	SW6010
Manganese	219	3.7	3.7	mg/Kg	09/15/14	LK	SW6010
Sodium	140	N 7	3.2	mg/Kg	09/16/14	LK	SW6010
Nickel	10.3	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Lead	4.6	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/15/14	LK	SW6010
Vanadium	24.7	0.4	0.37	mg/Kg	09/15/14	LK	SW6010
Zinc	23.3	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Percent Solid	88			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/13/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	72			%	09/13/14	AW	30 - 150 %
% TCMX	81			%	09/13/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
a-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
b-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	09/13/14	CE	SW8081
d-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin ketone	ND	5.5	5.5	ug/Kg	09/13/14	CE	SW8081
g-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	09/13/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	09/13/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	81			%	09/13/14	CE	30 - 150 %
% TCMX	72			%	09/13/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	9.5	1.6	ug/Kg	09/13/14	JLI	SW8260
1,1,1-Trichloroethane	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260
1,1,2-Trichloroethane	ND	9.5	0.93	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloroethane	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	9.5	2.1	ug/Kg	09/13/14	JLI	SW8260	
1,1-Dichloropropene	ND	9.5	1.8	ug/Kg	09/13/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260	
1,2,3-Trichloropropane	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND	9.5	1.4	ug/Kg	09/13/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND	9.5	2.5	ug/Kg	09/13/14	JLI	SW8260	
1,2-Dibromoethane	ND	9.5	2.5	ug/Kg	09/13/14	JLI	SW8260	
1,2-Dichlorobenzene	ND	9.5	1.0	ug/Kg	09/13/14	JLI	SW8260	
1,2-Dichloroethane	ND	9.5	0.84	ug/Kg	09/13/14	JLI	SW8260	
1,2-Dichloropropane	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260	
1,3-Dichlorobenzene	ND	9.5	1.4	ug/Kg	09/13/14	JLI	SW8260	
1,3-Dichloropropane	ND	9.5	1.0	ug/Kg	09/13/14	JLI	SW8260	
1,4-Dichlorobenzene	ND	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260	
2,2-Dichloropropane	ND	9.5	1.6	ug/Kg	09/13/14	JLI	SW8260	
2-Chlorotoluene	ND	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260	
2-Hexanone	ND	47	4.3	ug/Kg	09/13/14	JLI	SW8260	
2-Isopropyltoluene	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260	
4-Chlorotoluene	ND	9.5	1.1	ug/Kg	09/13/14	JLI	SW8260	
4-Methyl-2-pentanone	ND	47	2.3	ug/Kg	09/13/14	JLI	SW8260	
Acetone	11	JS	50	9.4	ug/Kg	09/13/14	JLI	SW8260
Acrylonitrile	ND	19	5.3	ug/Kg	09/13/14	JLI	SW8260	
Benzene	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260	
Bromobenzene	ND	9.5	1.2	ug/Kg	09/13/14	JLI	SW8260	
Bromochloromethane	ND	9.5	1.4	ug/Kg	09/13/14	JLI	SW8260	
Bromodichloromethane	ND	9.5	1.2	ug/Kg	09/13/14	JLI	SW8260	
Bromoform	ND	9.5	1.3	ug/Kg	09/13/14	JLI	SW8260	
Bromomethane	ND	9.5	7.3	ug/Kg	09/13/14	JLI	SW8260	
Carbon Disulfide	2.9	J	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260
Carbon tetrachloride	ND	9.5	1.1	ug/Kg	09/13/14	JLI	SW8260	
Chlorobenzene	ND	9.5	1.4	ug/Kg	09/13/14	JLI	SW8260	
Chloroethane	ND	9.5	2.2	ug/Kg	09/13/14	JLI	SW8260	
Chloroform	ND	9.5	1.7	ug/Kg	09/13/14	JLI	SW8260	
Chloromethane	ND	9.5	5.0	ug/Kg	09/13/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND	9.5	2.1	ug/Kg	09/13/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND	9.5	1.0	ug/Kg	09/13/14	JLI	SW8260	
Dibromochloromethane	ND	9.5	1.1	ug/Kg	09/13/14	JLI	SW8260	
Dibromomethane	ND	9.5	1.2	ug/Kg	09/13/14	JLI	SW8260	
Dichlorodifluoromethane	ND	9.5	2.5	ug/Kg	09/13/14	JLI	SW8260	
Ethylbenzene	ND	9.5	1.7	ug/Kg	09/13/14	JLI	SW8260	
Hexachlorobutadiene	ND	9.5	2.0	ug/Kg	09/13/14	JLI	SW8260	
Isopropylbenzene	ND	9.5	1.8	ug/Kg	09/13/14	JLI	SW8260	
m&p-Xylene	ND	9.5	3.7	ug/Kg	09/13/14	JLI	SW8260	
Methyl Ethyl Ketone	ND	57	8.2	ug/Kg	09/13/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND	19	2.6	ug/Kg	09/13/14	JLI	SW8260	
Methylene chloride	1.9	JS	9.5	1.6	ug/Kg	09/13/14	JLI	SW8260
Naphthalene	ND	9.5	2.5	ug/Kg	09/13/14	JLI	SW8260	
n-Butylbenzene	ND	9.5	1.7	ug/Kg	09/13/14	JLI	SW8260	

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	9.5	1.7	ug/Kg	09/13/14	JLI	SW8260
o-Xylene	ND	9.5	3.6	ug/Kg	09/13/14	JLI	SW8260
p-Isopropyltoluene	ND	9.5	1.4	ug/Kg	09/13/14	JLI	SW8260
sec-Butylbenzene	ND	9.5	1.8	ug/Kg	09/13/14	JLI	SW8260
Styrene	ND	9.5	2.7	ug/Kg	09/13/14	JLI	SW8260
tert-Butylbenzene	ND	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260
Tetrachloroethene	ND	9.5	2.0	ug/Kg	09/13/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	19	8.5	ug/Kg	09/13/14	JLI	SW8260
Toluene	ND	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	9.5	1.9	ug/Kg	09/13/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	19	18	ug/Kg	09/13/14	JLI	SW8260
Trichloroethene	ND	9.5	2.0	ug/Kg	09/13/14	JLI	SW8260
Trichlorofluoromethane	ND	9.5	2.1	ug/Kg	09/13/14	JLI	SW8260
Trichlorotrifluoroethane	ND	9.5	1.5	ug/Kg	09/13/14	JLI	SW8260
Vinyl chloride	ND	9.5	3.1	ug/Kg	09/13/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	99			%	09/13/14	JLI	70 - 121 %
% Bromofluorobenzene	91			%	09/13/14	JLI	59 - 113 %
% Dibromofluoromethane	106			%	09/13/14	JLI	70 - 130 %
% Toluene-d8	101			%	09/13/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	09/13/14	KCA	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dimethylphenol	ND	260	94	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrophenol	ND	1900	260	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	09/13/14	KCA	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	09/13/14	KCA	SW 8270
2-Nitroaniline	ND	1900	380	ug/Kg	09/13/14	KCA	SW 8270
2-Nitrophenol	ND	260	240	ug/Kg	09/13/14	KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	09/13/14	KCA	SW 8270
3,3'-Dichlorobenzidine	ND	760	180	ug/Kg	09/13/14	KCA	SW 8270
3-Nitroaniline	ND	1900	820	ug/Kg	09/13/14	KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	09/13/14	KCA	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
4-Chloroaniline	ND	760	180	ug/Kg	09/13/14	KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	09/13/14	KCA	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthylene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Acetophenone	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Aniline	ND	1900	760	ug/Kg	09/13/14	KCA	SW 8270
Anthracene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benz(a)anthracene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzidine	ND	760	220	ug/Kg	09/13/14	KCA	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(k)fluoranthene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzoic acid	ND	1900	760	ug/Kg	09/13/14	KCA	SW 8270 1
Benzyl butyl phthalate	ND	260	97	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Carbazole	ND	1900	290	ug/Kg	09/13/14	KCA	SW 8270
Chrysene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dimethylphthalate	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Di-n-butylphthalate	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Di-n-octylphthalate	ND	260	97	ug/Kg	09/13/14	KCA	SW 8270
Fluoranthene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Fluorene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobutadiene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Isophorone	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Naphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Phenanthrene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Phenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Pyrene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Pyridine	ND	260	93	ug/Kg	09/13/14	KCA	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	89			%	09/13/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	70			%	09/13/14	KCA	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	67			%	09/13/14	KCA	25 - 121 %
% Nitrobenzene-d5	53			%	09/13/14	KCA	23 - 120 %
% Phenol-d5	67			%	09/13/14	KCA	24 - 113 %
% Terphenyl-d14	102			%	09/13/14	KCA	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

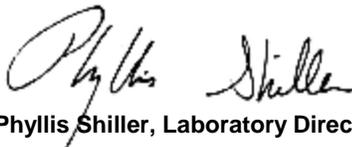
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

10:00  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13121

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 2 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 1.0	1.0	1.0	mg/Kg	09/15/14	LK	SW6010
Aluminum	6860	36	7.1	mg/Kg	09/15/14	LK	SW6010
Arsenic	10.6	0.7	0.71	mg/Kg	09/15/14	LK	SW6010
Barium	198	0.7	0.36	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.33	0.28	0.14	mg/Kg	09/15/14	LK	SW6010
Calcium	52100	36	33	mg/Kg	09/15/14	LK	SW6010
Cadmium	1.25	0.36	0.14	mg/Kg	09/15/14	LK	SW6010
Cobalt	5.60	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Chromium	19.4	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Copper	112	0.36	0.36	mg/kg	09/15/14	LK	SW6010
Iron	26100	36	36	mg/Kg	09/15/14	LK	SW6010
Mercury	0.66	0.07	0.04	mg/Kg	09/15/14	RS	SW-7471
Potassium	1730	N 7	2.8	mg/Kg	09/16/14	LK	SW6010
Magnesium	7320	36	36	mg/Kg	09/15/14	LK	SW6010
Manganese	284	3.6	3.6	mg/Kg	09/15/14	LK	SW6010
Sodium	905	N 7	3.1	mg/Kg	09/16/14	LK	SW6010
Nickel	19.3	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Lead	352	7.1	3.6	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	09/15/14	LK	SW6010
Vanadium	29.4	0.4	0.36	mg/Kg	09/15/14	LK	SW6010
Zinc	956	7.1	3.6	mg/Kg	09/15/14	LK	SW6010
Percent Solid	88			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	160	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	09/13/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	82			%	09/13/14	AW	30 - 150 %
% TCMX	75			%	09/13/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	27	27	ug/Kg	09/15/14	CE	SW8081
4,4' -DDE	ND	27	27	ug/Kg	09/15/14	CE	SW8081
4,4' -DDT	ND	27	27	ug/Kg	09/15/14	CE	SW8081
a-BHC	ND	38	38	ug/Kg	09/15/14	CE	SW8081
a-Chlordane	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Aldrin	ND	19	19	ug/Kg	09/15/14	CE	SW8081
b-BHC	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Chlordane	ND	380	380	ug/Kg	09/15/14	CE	SW8081
d-BHC	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Dieldrin	ND	19	19	ug/Kg	09/15/14	CE	SW8081
Endosulfan I	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Endosulfan II	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Endosulfan sulfate	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Endrin	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Endrin aldehyde	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Endrin ketone	ND	19	19	ug/Kg	09/15/14	CE	SW8081
g-BHC	ND	38	38	ug/Kg	09/15/14	CE	SW8081
g-Chlordane	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Heptachlor	ND	38	38	ug/Kg	09/15/14	CE	SW8081
Heptachlor epoxide	ND	19	19	ug/Kg	09/15/14	CE	SW8081
Methoxychlor	ND	76	76	ug/Kg	09/15/14	CE	SW8081
Toxaphene	ND	1900	1900	ug/Kg	09/15/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	Diluted Out			%	09/15/14	CE	30 - 150 %
% TCMX	Diluted Out			%	09/15/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	9.0	1.5	ug/Kg	09/13/14	JLI	SW8260
1,1,1-Trichloroethane	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
1,1,2-Trichloroethane	ND	9.0	0.89	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloroethane	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	9.0	2.0	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloropropene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichloropropane	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trimethylbenzene	2.1	J 9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	9.0	2.4	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromoethane	ND	9.0	2.4	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichlorobenzene	ND	9.0	0.99	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloroethane	ND	9.0	0.80	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloropropane	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	9.0	1.2	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichlorobenzene	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichloropropane	ND	9.0	0.96	ug/Kg	09/13/14	JLI	SW8260
1,4-Dichlorobenzene	ND	9.0	1.4	ug/Kg	09/13/14	JLI	SW8260
2,2-Dichloropropane	ND	9.0	1.5	ug/Kg	09/13/14	JLI	SW8260
2-Chlorotoluene	ND	9.0	1.4	ug/Kg	09/13/14	JLI	SW8260
2-Hexanone	ND	45	4.1	ug/Kg	09/13/14	JLI	SW8260
2-Isopropyltoluene	ND	9.0	1.2	ug/Kg	09/13/14	JLI	SW8260
4-Chlorotoluene	ND	9.0	1.0	ug/Kg	09/13/14	JLI	SW8260
4-Methyl-2-pentanone	ND	45	2.2	ug/Kg	09/13/14	JLI	SW8260
Acetone	82	JS 90	9.0	ug/Kg	09/13/14	JLI	SW8260
Acrylonitrile	ND	18	5.1	ug/Kg	09/13/14	JLI	SW8260
Benzene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
Bromobenzene	ND	9.0	1.2	ug/Kg	09/13/14	JLI	SW8260
Bromochloromethane	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
Bromodichloromethane	ND	9.0	1.1	ug/Kg	09/13/14	JLI	SW8260
Bromoform	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
Bromomethane	ND	9.0	7.0	ug/Kg	09/13/14	JLI	SW8260
Carbon Disulfide	17	9.0	1.5	ug/Kg	09/13/14	JLI	SW8260
Carbon tetrachloride	ND	9.0	1.0	ug/Kg	09/13/14	JLI	SW8260
Chlorobenzene	ND	9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
Chloroethane	ND	9.0	2.1	ug/Kg	09/13/14	JLI	SW8260
Chloroform	ND	9.0	1.6	ug/Kg	09/13/14	JLI	SW8260
Chloromethane	ND	9.0	4.7	ug/Kg	09/13/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	9.0	2.0	ug/Kg	09/13/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	9.0	0.98	ug/Kg	09/13/14	JLI	SW8260
Dibromochloromethane	ND	9.0	1.0	ug/Kg	09/13/14	JLI	SW8260
Dibromomethane	ND	9.0	1.1	ug/Kg	09/13/14	JLI	SW8260
Dichlorodifluoromethane	ND	9.0	2.4	ug/Kg	09/13/14	JLI	SW8260
Ethylbenzene	2.8	J 9.0	1.6	ug/Kg	09/13/14	JLI	SW8260
Hexachlorobutadiene	ND	9.0	1.9	ug/Kg	09/13/14	JLI	SW8260
Isopropylbenzene	ND	9.0	1.7	ug/Kg	09/13/14	JLI	SW8260
m&p-Xylene	14	9.0	3.6	ug/Kg	09/13/14	JLI	SW8260
Methyl Ethyl Ketone	11	J 54	7.8	ug/Kg	09/13/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	18	2.5	ug/Kg	09/13/14	JLI	SW8260
Methylene chloride	2.0	JS 9.0	1.5	ug/Kg	09/13/14	JLI	SW8260
Naphthalene	390	320	85	ug/Kg	09/14/14	JLI	SW8260
n-Butylbenzene	ND	9.0	1.6	ug/Kg	09/13/14	JLI	SW8260

1

B\*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	9.0	1.6	ug/Kg	09/13/14	JLI	SW8260
o-Xylene	15	9.0	3.5	ug/Kg	09/13/14	JLI	SW8260
p-Isopropyltoluene	1.3	J 9.0	1.3	ug/Kg	09/13/14	JLI	SW8260
sec-Butylbenzene	ND	9.0	1.7	ug/Kg	09/13/14	JLI	SW8260
Styrene	ND	9.0	2.6	ug/Kg	09/13/14	JLI	SW8260
tert-Butylbenzene	ND	9.0	1.4	ug/Kg	09/13/14	JLI	SW8260
Tetrachloroethene	ND	9.0	1.9	ug/Kg	09/13/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	18	8.1	ug/Kg	09/13/14	JLI	SW8260
Toluene	ND	9.0	1.4	ug/Kg	09/13/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	9.0	1.8	ug/Kg	09/13/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	18	17	ug/Kg	09/13/14	JLI	SW8260
Trichloroethene	ND	9.0	1.9	ug/Kg	09/13/14	JLI	SW8260
Trichlorofluoromethane	ND	9.0	2.0	ug/Kg	09/13/14	JLI	SW8260
Trichlorotrifluoroethane	ND	9.0	1.4	ug/Kg	09/13/14	JLI	SW8260
Vinyl chloride	ND	9.0	2.9	ug/Kg	09/13/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	98			%	09/13/14	JLI	70 - 121 %
% Bromofluorobenzene	89			%	09/13/14	JLI	59 - 113 %
% Dibromofluoromethane	104			%	09/13/14	JLI	70 - 130 %
% Toluene-d8	98			%	09/13/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/13/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
1,2-Dichlorobenzene	ND	260	100	ug/Kg	09/13/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	09/13/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/13/14	DD	SW 8270
2,4-Dimethylphenol	ND	260	92	ug/Kg	09/13/14	DD	SW 8270
2,4-Dinitrophenol	ND	1900	260	ug/Kg	09/13/14	DD	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	09/13/14	DD	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
2-Methylnaphthalene	540	260	110	ug/Kg	09/13/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	09/13/14	DD	SW 8270
2-Nitroaniline	ND	1900	370	ug/Kg	09/13/14	DD	SW 8270
2-Nitrophenol	ND	260	230	ug/Kg	09/13/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	09/13/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	740	170	ug/Kg	09/13/14	DD	SW 8270
3-Nitroaniline	ND	1900	810	ug/Kg	09/13/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	09/13/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/13/14	DD	SW 8270
4-Chloroaniline	ND	740	170	ug/Kg	09/13/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	09/13/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	120	ug/Kg	09/13/14	DD	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	09/13/14	DD	SW 8270
Acenaphthene	1200	260	110	ug/Kg	09/13/14	DD	SW 8270
Acenaphthylene	410	260	100	ug/Kg	09/13/14	DD	SW 8270
Acetophenone	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
Aniline	ND	1900	750	ug/Kg	09/13/14	DD	SW 8270
Anthracene	3900	260	120	ug/Kg	09/13/14	DD	SW 8270
Benz(a)anthracene	10000	1300	620	ug/Kg	09/14/14	DD	SW 8270
Benzidine	ND	740	220	ug/Kg	09/13/14	DD	SW 8270
Benzo(a)pyrene	8000	1300	600	ug/Kg	09/14/14	DD	SW 8270
Benzo(b)fluoranthene	11000	1300	630	ug/Kg	09/14/14	DD	SW 8270
Benzo(ghi)perylene	1900	260	120	ug/Kg	09/13/14	DD	SW 8270
Benzo(k)fluoranthene	3400	260	120	ug/Kg	09/13/14	DD	SW 8270
Benzoic acid	ND	1900	740	ug/Kg	09/13/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	260	95	ug/Kg	09/13/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/13/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	09/13/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/13/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	370	260	110	ug/Kg	09/13/14	DD	SW 8270
Carbazole	1600	J 1900	280	ug/Kg	09/13/14	DD	SW 8270
Chrysene	11000	1300	620	ug/Kg	09/14/14	DD	SW 8270
Dibenz(a,h)anthracene	580	260	120	ug/Kg	09/13/14	DD	SW 8270
Dibenzofuran	860	260	110	ug/Kg	09/13/14	DD	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
Dimethylphthalate	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
Di-n-butylphthalate	ND	260	98	ug/Kg	09/13/14	DD	SW 8270
Di-n-octylphthalate	ND	260	95	ug/Kg	09/13/14	DD	SW 8270
Fluoranthene	21000	6500	3000	ug/Kg	09/15/14	DD	SW 8270
Fluorene	2000	260	120	ug/Kg	09/13/14	DD	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
Hexachlorobutadiene	ND	260	130	ug/Kg	09/13/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/13/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	1900	260	120	ug/Kg	09/13/14	DD	SW 8270
Isophorone	ND	260	100	ug/Kg	09/13/14	DD	SW 8270
Naphthalene	700	260	110	ug/Kg	09/13/14	DD	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/13/14	DD	SW 8270
N-Nitrosodimethylamine	ND	260	100	ug/Kg	09/13/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/13/14	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/13/14	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/13/14	DD	SW 8270
Phenanthrene	23000	1300	530	ug/Kg	09/14/14	DD	SW 8270
Phenol	ND	260	120	ug/Kg	09/13/14	DD	SW 8270
Pyrene	22000	6500	3200	ug/Kg	09/15/14	DD	SW 8270
Pyridine	ND	260	91	ug/Kg	09/13/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	81			%	09/13/14	DD	19 - 122 %
% 2-Fluorobiphenyl	73			%	09/13/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	85			%	09/13/14	DD	25 - 121 %
% Nitrobenzene-d5	74			%	09/13/14	DD	23 - 120 %
% Phenol-d5	85			%	09/13/14	DD	24 - 113 %
% Terphenyl-d14	82			%	09/13/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

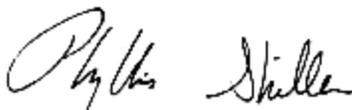
**Pesticide Comment:**

Due to matrix interference caused by the presence of PCBs in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

10:15  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13122

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 2 12-14 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Aluminum	11700	37	7.5	mg/Kg	09/15/14	LK	SW6010
Arsenic	< 0.7	0.7	0.75	mg/Kg	09/15/14	LK	SW6010
Barium	41.8	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.37	0.30	0.15	mg/Kg	09/15/14	LK	SW6010
Calcium	1020	37	34	mg/Kg	09/15/14	LK	SW6010
Cadmium	< 0.37	0.37	0.15	mg/Kg	09/15/14	LK	SW6010
Cobalt	13.8	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Chromium	25.3	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Copper	14.0	0.37	0.37	mg/kg	09/15/14	LK	SW6010
Iron	20100	37	37	mg/Kg	09/15/14	LK	SW6010
Mercury	< 0.08	0.08	0.05	mg/Kg	09/15/14	RS	SW-7471
Potassium	1020	N 7	2.9	mg/Kg	09/16/14	LK	SW6010
Magnesium	4240	3.7	3.7	mg/Kg	09/15/14	LK	SW6010
Manganese	328	3.7	3.7	mg/Kg	09/15/14	LK	SW6010
Sodium	206	N 7	3.2	mg/Kg	09/16/14	LK	SW6010
Nickel	18.5	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Lead	4.9	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.9	1.9	1.9	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/15/14	LK	SW6010
Vanadium	25.8	0.4	0.37	mg/Kg	09/15/14	LK	SW6010
Zinc	54.5	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Percent Solid	88			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/13/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	85			%	09/13/14	AW	30 - 150 %
% TCMX	94			%	09/13/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
a-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
b-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	09/13/14	CE	SW8081
d-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin	ND	4.5	4.5	ug/Kg	09/13/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin ketone	ND	4.0	4.0	ug/Kg	09/13/14	CE	SW8081
g-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Methoxychlor	ND	7.5	7.5	ug/Kg	09/13/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	09/13/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	79			%	09/13/14	CE	30 - 150 %
% TCMX	83			%	09/13/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
1,1,1-Trichloroethane	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	7.4	1.0	ug/Kg	09/14/14	JLI	SW8260
1,1,2-Trichloroethane	ND	7.4	0.72	ug/Kg	09/14/14	JLI	SW8260
1,1-Dichloroethane	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
1,1-Dichloropropene	ND	7.4	1.4	ug/Kg	09/14/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
1,2,3-Trichloropropane	ND	7.4	1.0	ug/Kg	09/14/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	7.4	1.1	ug/Kg	09/14/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	7.4	2.0	ug/Kg	09/14/14	JLI	SW8260
1,2-Dibromoethane	ND	7.4	2.0	ug/Kg	09/14/14	JLI	SW8260
1,2-Dichlorobenzene	ND	7.4	0.81	ug/Kg	09/14/14	JLI	SW8260
1,2-Dichloroethane	ND	7.4	0.65	ug/Kg	09/14/14	JLI	SW8260
1,2-Dichloropropane	ND	7.4	1.0	ug/Kg	09/14/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	7.4	0.98	ug/Kg	09/14/14	JLI	SW8260
1,3-Dichlorobenzene	ND	7.4	1.1	ug/Kg	09/14/14	JLI	SW8260
1,3-Dichloropropane	ND	7.4	0.78	ug/Kg	09/14/14	JLI	SW8260
1,4-Dichlorobenzene	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
2,2-Dichloropropane	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
2-Chlorotoluene	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
2-Hexanone	ND	37	3.3	ug/Kg	09/14/14	JLI	SW8260
2-Isopropyltoluene	ND	7.4	1.0	ug/Kg	09/14/14	JLI	SW8260
4-Chlorotoluene	ND	7.4	0.86	ug/Kg	09/14/14	JLI	SW8260
4-Methyl-2-pentanone	ND	37	1.8	ug/Kg	09/14/14	JLI	SW8260
Acetone	19	JS 50	7.3	ug/Kg	09/14/14	JLI	SW8260
Acrylonitrile	ND	15	4.2	ug/Kg	09/14/14	JLI	SW8260
Benzene	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
Bromobenzene	ND	7.4	0.96	ug/Kg	09/14/14	JLI	SW8260
Bromochloromethane	ND	7.4	1.1	ug/Kg	09/14/14	JLI	SW8260
Bromodichloromethane	ND	7.4	0.92	ug/Kg	09/14/14	JLI	SW8260
Bromoform	ND	7.4	1.0	ug/Kg	09/14/14	JLI	SW8260
Bromomethane	ND	7.4	5.7	ug/Kg	09/14/14	JLI	SW8260
Carbon Disulfide	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
Carbon tetrachloride	ND	7.4	0.86	ug/Kg	09/14/14	JLI	SW8260
Chlorobenzene	ND	7.4	1.1	ug/Kg	09/14/14	JLI	SW8260
Chloroethane	ND	7.4	1.7	ug/Kg	09/14/14	JLI	SW8260
Chloroform	ND	7.4	1.3	ug/Kg	09/14/14	JLI	SW8260
Chloromethane	ND	7.4	3.9	ug/Kg	09/14/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	7.4	0.80	ug/Kg	09/14/14	JLI	SW8260
Dibromochloromethane	ND	7.4	0.83	ug/Kg	09/14/14	JLI	SW8260
Dibromomethane	ND	7.4	0.93	ug/Kg	09/14/14	JLI	SW8260
Dichlorodifluoromethane	ND	7.4	2.0	ug/Kg	09/14/14	JLI	SW8260
Ethylbenzene	ND	7.4	1.3	ug/Kg	09/14/14	JLI	SW8260
Hexachlorobutadiene	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
Isopropylbenzene	ND	7.4	1.4	ug/Kg	09/14/14	JLI	SW8260
m&p-Xylene	ND	7.4	2.9	ug/Kg	09/14/14	JLI	SW8260
Methyl Ethyl Ketone	ND	44	6.4	ug/Kg	09/14/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	15	2.0	ug/Kg	09/14/14	JLI	SW8260
Methylene chloride	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
Naphthalene	ND	7.4	2.0	ug/Kg	09/14/14	JLI	SW8260
n-Butylbenzene	ND	7.4	1.3	ug/Kg	09/14/14	JLI	SW8260

1

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	7.4	1.3	ug/Kg	09/14/14	JLI	SW8260
o-Xylene	ND	7.4	2.8	ug/Kg	09/14/14	JLI	SW8260
p-Isopropyltoluene	ND	7.4	1.1	ug/Kg	09/14/14	JLI	SW8260
sec-Butylbenzene	ND	7.4	1.4	ug/Kg	09/14/14	JLI	SW8260
Styrene	ND	7.4	2.1	ug/Kg	09/14/14	JLI	SW8260
tert-Butylbenzene	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
Tetrachloroethene	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	15	6.6	ug/Kg	09/14/14	JLI	SW8260
Toluene	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	7.4	1.5	ug/Kg	09/14/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	15	14	ug/Kg	09/14/14	JLI	SW8260
Trichloroethene	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
Trichlorofluoromethane	ND	7.4	1.6	ug/Kg	09/14/14	JLI	SW8260
Trichlorotrifluoroethane	ND	7.4	1.2	ug/Kg	09/14/14	JLI	SW8260
Vinyl chloride	ND	7.4	2.4	ug/Kg	09/14/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	97			%	09/14/14	JLI	70 - 121 %
% Bromofluorobenzene	99			%	09/14/14	JLI	59 - 113 %
% Dibromofluoromethane	100			%	09/14/14	JLI	70 - 130 %
% Toluene-d8	94			%	09/14/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
1,2-Dichlorobenzene	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	09/14/14	KCA	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
2,4-Dimethylphenol	ND	260	92	ug/Kg	09/14/14	KCA	SW 8270
2,4-Dinitrophenol	ND	1800	260	ug/Kg	09/14/14	KCA	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	09/14/14	KCA	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
2-Chloronaphthalene	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
2-Chlorophenol	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	09/14/14	KCA	SW 8270
2-Nitroaniline	ND	1800	370	ug/Kg	09/14/14	KCA	SW 8270
2-Nitrophenol	ND	260	230	ug/Kg	09/14/14	KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	09/14/14	KCA	SW 8270
3,3'-Dichlorobenzidine	ND	740	170	ug/Kg	09/14/14	KCA	SW 8270
3-Nitroaniline	ND	1800	800	ug/Kg	09/14/14	KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	400	ug/Kg	09/14/14	KCA	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
4-Chloroaniline	ND	740	170	ug/Kg	09/14/14	KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1800	120	ug/Kg	09/14/14	KCA	SW 8270
4-Nitrophenol	ND	1800	170	ug/Kg	09/14/14	KCA	SW 8270
Acenaphthene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
Acetophenone	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Aniline	ND	1800	750	ug/Kg	09/14/14	KCA	SW 8270
Anthracene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Benz(a)anthracene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Benzidine	ND	740	220	ug/Kg	09/14/14	KCA	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Benzo(k)fluoranthene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Benzoic acid	ND	1800	740	ug/Kg	09/14/14	KCA	SW 8270 1
Benzyl butyl phthalate	ND	260	95	ug/Kg	09/14/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Carbazole	ND	1800	280	ug/Kg	09/14/14	KCA	SW 8270
Chrysene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Dimethylphthalate	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Di-n-butylphthalate	ND	260	98	ug/Kg	09/14/14	KCA	SW 8270
Di-n-octylphthalate	ND	260	95	ug/Kg	09/14/14	KCA	SW 8270
Fluoranthene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Fluorene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Hexachlorobutadiene	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Isophorone	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
Naphthalene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	260	100	ug/Kg	09/14/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/14/14	KCA	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/14/14	KCA	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/14/14	KCA	SW 8270
Phenanthrene	ND	260	110	ug/Kg	09/14/14	KCA	SW 8270
Phenol	ND	260	120	ug/Kg	09/14/14	KCA	SW 8270
Pyrene	ND	260	130	ug/Kg	09/14/14	KCA	SW 8270
Pyridine	ND	260	91	ug/Kg	09/14/14	KCA	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	95			%	09/14/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	74			%	09/14/14	KCA	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	91			%	09/14/14	KCA	25 - 121 %
% Nitrobenzene-d5	74			%	09/14/14	KCA	23 - 120 %
% Phenol-d5	90			%	09/14/14	KCA	24 - 113 %
% Terphenyl-d14	120			%	09/14/14	KCA	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

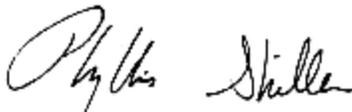
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

11:00  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13123

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 3 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Aluminum	7170	37	7.4	mg/Kg	09/15/14	LK	SW6010
Arsenic	10.6	0.7	0.74	mg/Kg	09/15/14	LK	SW6010
Barium	186	0.7	0.37	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.33	0.30	0.15	mg/Kg	09/15/14	LK	SW6010
Calcium	43400	37	34	mg/Kg	09/15/14	LK	SW6010
Cadmium	0.67	0.37	0.15	mg/Kg	09/15/14	LK	SW6010
Cobalt	4.68	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Chromium	17.1	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Copper	77.6	0.37	0.37	mg/kg	09/15/14	LK	SW6010
Iron	19300	37	37	mg/Kg	09/15/14	LK	SW6010
Mercury	2.05	0.08	0.05	mg/Kg	09/15/14	RS	SW-7471
Potassium	1170	N 7	2.9	mg/Kg	09/16/14	LK	SW6010
Magnesium	10600	37	37	mg/Kg	09/15/14	LK	SW6010
Manganese	178	3.7	3.7	mg/Kg	09/15/14	LK	SW6010
Sodium	277	N 7	3.2	mg/Kg	09/16/14	LK	SW6010
Nickel	11.9	0.37	0.37	mg/Kg	09/15/14	LK	SW6010
Lead	356	7.4	3.7	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/15/14	LK	SW6010
Vanadium	19.6	0.4	0.37	mg/Kg	09/15/14	LK	SW6010
Zinc	551	7.4	3.7	mg/Kg	09/15/14	LK	SW6010
Percent Solid	88			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	68			%	09/13/14	AW	30 - 150 %
% TCMX	79			%	09/13/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDT	ND	7.0	7.0	ug/Kg	09/13/14	CE	SW8081
a-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
b-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	09/13/14	CE	SW8081
d-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
g-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	09/13/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	09/13/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	71			%	09/13/14	CE	30 - 150 %
% TCMX	70			%	09/13/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	11	1.7	ug/Kg	09/13/14	JLI	SW8260
1,1,1-Trichloroethane	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
1,1,2-Trichloroethane	ND	11	1.0	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloroethane	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	11	2.3	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloropropene	ND	11	2.0	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichloropropane	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	11	2.8	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromoethane	ND	11	2.8	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichlorobenzene	ND	11	1.2	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloroethane	ND	11	0.93	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloropropane	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	11	1.4	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichlorobenzene	ND	11	1.6	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichloropropane	ND	11	1.1	ug/Kg	09/13/14	JLI	SW8260
1,4-Dichlorobenzene	ND	11	1.7	ug/Kg	09/13/14	JLI	SW8260
2,2-Dichloropropane	ND	11	1.8	ug/Kg	09/13/14	JLI	SW8260
2-Chlorotoluene	ND	11	1.7	ug/Kg	09/13/14	JLI	SW8260
2-Hexanone	ND	53	4.7	ug/Kg	09/13/14	JLI	SW8260
2-Isopropyltoluene	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
4-Chlorotoluene	ND	11	1.2	ug/Kg	09/13/14	JLI	SW8260
4-Methyl-2-pentanone	ND	53	2.5	ug/Kg	09/13/14	JLI	SW8260
Acetone	340	S 110	10	ug/Kg	09/13/14	JLI	SW8260
Acrylonitrile	ND	21	5.9	ug/Kg	09/13/14	JLI	SW8260
Benzene	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
Bromobenzene	ND	11	1.4	ug/Kg	09/13/14	JLI	SW8260
Bromochloromethane	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
Bromodichloromethane	ND	11	1.3	ug/Kg	09/13/14	JLI	SW8260
Bromoform	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
Bromomethane	ND	11	8.1	ug/Kg	09/13/14	JLI	SW8260
Carbon Disulfide	8.0	J 11	1.7	ug/Kg	09/13/14	JLI	SW8260
Carbon tetrachloride	ND	11	1.2	ug/Kg	09/13/14	JLI	SW8260
Chlorobenzene	ND	11	1.6	ug/Kg	09/13/14	JLI	SW8260
Chloroethane	ND	11	2.5	ug/Kg	09/13/14	JLI	SW8260
Chloroform	ND	11	1.9	ug/Kg	09/13/14	JLI	SW8260
Chloromethane	ND	11	5.5	ug/Kg	09/13/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	11	2.3	ug/Kg	09/13/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	11	1.1	ug/Kg	09/13/14	JLI	SW8260
Dibromochloromethane	ND	11	1.2	ug/Kg	09/13/14	JLI	SW8260
Dibromomethane	ND	11	1.3	ug/Kg	09/13/14	JLI	SW8260
Dichlorodifluoromethane	ND	11	2.8	ug/Kg	09/13/14	JLI	SW8260
Ethylbenzene	ND	11	1.9	ug/Kg	09/13/14	JLI	SW8260
Hexachlorobutadiene	ND	11	2.2	ug/Kg	09/13/14	JLI	SW8260
Isopropylbenzene	ND	11	2.0	ug/Kg	09/13/14	JLI	SW8260
m&p-Xylene	ND	11	4.1	ug/Kg	09/13/14	JLI	SW8260
Methyl Ethyl Ketone	45	J 63	9.1	ug/Kg	09/13/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	21	2.9	ug/Kg	09/13/14	JLI	SW8260
Methylene chloride	2.3	JS 11	1.7	ug/Kg	09/13/14	JLI	SW8260
Naphthalene	ND	11	2.8	ug/Kg	09/13/14	JLI	SW8260
n-Butylbenzene	ND	11	1.9	ug/Kg	09/13/14	JLI	SW8260

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	11	1.9	ug/Kg	09/13/14	JLI	SW8260
o-Xylene	ND	11	4.0	ug/Kg	09/13/14	JLI	SW8260
p-Isopropyltoluene	ND	11	1.5	ug/Kg	09/13/14	JLI	SW8260
sec-Butylbenzene	ND	11	2.0	ug/Kg	09/13/14	JLI	SW8260
Styrene	ND	11	3.0	ug/Kg	09/13/14	JLI	SW8260
tert-Butylbenzene	ND	11	1.7	ug/Kg	09/13/14	JLI	SW8260
Tetrachloroethene	ND	11	2.2	ug/Kg	09/13/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	21	9.5	ug/Kg	09/13/14	JLI	SW8260
Toluene	48	J 290	46	ug/Kg	09/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	11	2.1	ug/Kg	09/13/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	21	20	ug/Kg	09/13/14	JLI	SW8260
Trichloroethene	ND	11	2.2	ug/Kg	09/13/14	JLI	SW8260
Trichlorofluoromethane	ND	11	2.3	ug/Kg	09/13/14	JLI	SW8260
Trichlorotrifluoroethane	ND	11	1.6	ug/Kg	09/13/14	JLI	SW8260
Vinyl chloride	ND	11	3.4	ug/Kg	09/13/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	101			%	09/13/14	JLI	70 - 121 %
% Bromofluorobenzene	97			%	09/13/14	JLI	59 - 113 %
% Dibromofluoromethane	31			%	09/13/14	JLI	70 - 130 %
% Toluene-d8	99			%	09/13/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Dichlorobenzene	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	09/13/14	KCA	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dimethylphenol	ND	260	91	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrophenol	ND	1800	260	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrotoluene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2-Chloronaphthalene	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
2-Chlorophenol	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	09/13/14	KCA	SW 8270
2-Nitroaniline	ND	1800	370	ug/Kg	09/13/14	KCA	SW 8270
2-Nitrophenol	ND	260	230	ug/Kg	09/13/14	KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
3,3'-Dichlorobenzidine	ND	740	170	ug/Kg	09/13/14	KCA	SW 8270
3-Nitroaniline	ND	1800	800	ug/Kg	09/13/14	KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	400	ug/Kg	09/13/14	KCA	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
4-Chloroaniline	ND	740	170	ug/Kg	09/13/14	KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1800	120	ug/Kg	09/13/14	KCA	SW 8270
4-Nitrophenol	ND	1800	170	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Acetophenone	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Aniline	ND	1800	740	ug/Kg	09/13/14	KCA	SW 8270
Anthracene	120	J 260	120	ug/Kg	09/13/14	KCA	SW 8270
Benz(a)anthracene	580	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzidine	ND	740	220	ug/Kg	09/13/14	KCA	SW 8270
Benzo(a)pyrene	600	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(b)fluoranthene	860	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzo(ghi)perylene	230	J 260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(k)fluoranthene	300	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzoic acid	ND	1800	740	ug/Kg	09/13/14	KCA	SW 8270
Benzyl butyl phthalate	ND	260	95	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	260	99	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Carbazole	ND	1800	280	ug/Kg	09/13/14	KCA	SW 8270
Chrysene	580	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dimethylphthalate	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Di-n-butylphthalate	ND	260	98	ug/Kg	09/13/14	KCA	SW 8270
Di-n-octylphthalate	ND	260	95	ug/Kg	09/13/14	KCA	SW 8270
Fluoranthene	1100	260	120	ug/Kg	09/13/14	KCA	SW 8270
Fluorene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobutadiene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Indeno(1,2,3-cd)pyrene	200	J 260	120	ug/Kg	09/13/14	KCA	SW 8270
Isophorone	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Naphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Phenanthrene	570	260	110	ug/Kg	09/13/14	KCA	SW 8270
Phenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Pyrene	980	260	130	ug/Kg	09/13/14	KCA	SW 8270
Pyridine	ND	260	90	ug/Kg	09/13/14	KCA	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	<10			%	09/13/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	91			%	09/13/14	KCA	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	37			%	09/13/14	KCA	25 - 121 %
% Nitrobenzene-d5	79			%	09/13/14	KCA	23 - 120 %
% Phenol-d5	88			%	09/13/14	KCA	24 - 113 %
% Terphenyl-d14	98			%	09/13/14	KCA	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

**Volatile Comment:**

Poor surrogate recovery was observed for volatiles due to matrix interference. Sample was analyzed twice with similar results.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 September 18, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by: RL  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/11/14  
 09/12/14

Time

11:15  
 16:49

Laboratory Data

SDG ID: GBH13119  
 Phoenix ID: BH13124

Project ID: 781 METROPOLITAN AVE  
 Client ID: SB 3 12-14 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Aluminum	12800	36	7.2	mg/Kg	09/15/14	LK	SW6010
Arsenic	1.6	0.7	0.72	mg/Kg	09/15/14	LK	SW6010
Barium	55.4	0.7	0.36	mg/Kg	09/15/14	LK	SW6010
Beryllium	0.61	0.29	0.14	mg/Kg	09/15/14	LK	SW6010
Calcium	943	36	33	mg/Kg	09/15/14	LK	SW6010
Cadmium	< 0.36	0.36	0.14	mg/Kg	09/15/14	LK	SW6010
Cobalt	7.47	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Chromium	25.9	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Copper	20.4	0.36	0.36	mg/kg	09/15/14	LK	SW6010
Iron	22900	36	36	mg/Kg	09/15/14	LK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	09/15/14	RS	SW-7471
Potassium	1880	N 7	2.8	mg/Kg	09/16/14	LK	SW6010
Magnesium	2830	3.6	3.6	mg/Kg	09/15/14	LK	SW6010
Manganese	399	3.6	3.6	mg/Kg	09/15/14	LK	SW6010
Sodium	147	N 7	3.1	mg/Kg	09/16/14	LK	SW6010
Nickel	14.4	0.36	0.36	mg/Kg	09/15/14	LK	SW6010
Lead	6.8	0.7	0.36	mg/Kg	09/15/14	LK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/15/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	09/15/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	09/15/14	LK	SW6010
Vanadium	34.3	0.4	0.36	mg/Kg	09/15/14	LK	SW6010
Zinc	46.2	0.7	0.36	mg/Kg	09/15/14	LK	SW6010
Percent Solid	88			%	09/12/14	I	E160.3
Soil Extraction for PCB	Completed				09/12/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/12/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/12/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/15/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/12/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/11/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/13/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	79			%	09/13/14	AW	30 - 150 %
% TCMX	88			%	09/13/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	09/13/14	CE	SW8081
a-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
b-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	09/13/14	CE	SW8081
d-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
g-BHC	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor	ND	3.7	3.7	ug/Kg	09/13/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	09/13/14	CE	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	09/13/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	09/13/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	79			%	09/13/14	CE	30 - 150 %
% TCMX	78			%	09/13/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	13	2.2	ug/Kg	09/13/14	JLI	SW8260
1,1,1-Trichloroethane	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
1,1,2-Trichloroethane	ND	13	1.3	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloroethane	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	13	2.9	ug/Kg	09/13/14	JLI	SW8260
1,1-Dichloropropene	ND	13	2.6	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
1,2,3-Trichloropropane	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	13	3.6	ug/Kg	09/13/14	JLI	SW8260
1,2-Dibromoethane	ND	13	3.6	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichlorobenzene	ND	13	1.5	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloroethane	ND	13	1.2	ug/Kg	09/13/14	JLI	SW8260
1,2-Dichloropropane	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	13	1.8	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichlorobenzene	ND	13	2.0	ug/Kg	09/13/14	JLI	SW8260
1,3-Dichloropropane	ND	13	1.4	ug/Kg	09/13/14	JLI	SW8260
1,4-Dichlorobenzene	ND	13	2.1	ug/Kg	09/13/14	JLI	SW8260
2,2-Dichloropropane	ND	13	2.3	ug/Kg	09/13/14	JLI	SW8260
2-Chlorotoluene	ND	13	2.2	ug/Kg	09/13/14	JLI	SW8260
2-Hexanone	ND	67	6.1	ug/Kg	09/13/14	JLI	SW8260
2-Isopropyltoluene	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
4-Chlorotoluene	ND	13	1.6	ug/Kg	09/13/14	JLI	SW8260
4-Methyl-2-pentanone	ND	67	3.2	ug/Kg	09/13/14	JLI	SW8260
Acetone	15	JS 50	13	ug/Kg	09/13/14	JLI	SW8260
Acrylonitrile	ND	27	7.6	ug/Kg	09/13/14	JLI	SW8260
Benzene	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
Bromobenzene	ND	13	1.8	ug/Kg	09/13/14	JLI	SW8260
Bromochloromethane	ND	13	2.0	ug/Kg	09/13/14	JLI	SW8260
Bromodichloromethane	ND	13	1.7	ug/Kg	09/13/14	JLI	SW8260
Bromoform	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
Bromomethane	ND	13	10	ug/Kg	09/13/14	JLI	SW8260
Carbon Disulfide	ND	13	2.2	ug/Kg	09/13/14	JLI	SW8260
Carbon tetrachloride	ND	13	1.6	ug/Kg	09/13/14	JLI	SW8260
Chlorobenzene	ND	13	2.0	ug/Kg	09/13/14	JLI	SW8260
Chloroethane	ND	13	3.2	ug/Kg	09/13/14	JLI	SW8260
Chloroform	ND	13	2.5	ug/Kg	09/13/14	JLI	SW8260
Chloromethane	ND	13	7.1	ug/Kg	09/13/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	13	2.9	ug/Kg	09/13/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	13	1.5	ug/Kg	09/13/14	JLI	SW8260
Dibromochloromethane	ND	13	1.5	ug/Kg	09/13/14	JLI	SW8260
Dibromomethane	ND	13	1.7	ug/Kg	09/13/14	JLI	SW8260
Dichlorodifluoromethane	ND	13	3.6	ug/Kg	09/13/14	JLI	SW8260
Ethylbenzene	ND	13	2.5	ug/Kg	09/13/14	JLI	SW8260
Hexachlorobutadiene	ND	13	2.8	ug/Kg	09/13/14	JLI	SW8260
Isopropylbenzene	ND	13	2.6	ug/Kg	09/13/14	JLI	SW8260
m&p-Xylene	ND	13	5.3	ug/Kg	09/13/14	JLI	SW8260
Methyl Ethyl Ketone	ND	81	12	ug/Kg	09/13/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	27	3.7	ug/Kg	09/13/14	JLI	SW8260
Methylene chloride	3.1	JS 13	2.2	ug/Kg	09/13/14	JLI	SW8260
Naphthalene	ND	13	3.6	ug/Kg	09/13/14	JLI	SW8260
n-Butylbenzene	ND	13	2.5	ug/Kg	09/13/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	13	2.4	ug/Kg	09/13/14	JLI	SW8260
o-Xylene	ND	13	5.1	ug/Kg	09/13/14	JLI	SW8260
p-Isopropyltoluene	ND	13	1.9	ug/Kg	09/13/14	JLI	SW8260
sec-Butylbenzene	ND	13	2.5	ug/Kg	09/13/14	JLI	SW8260
Styrene	ND	13	3.9	ug/Kg	09/13/14	JLI	SW8260
tert-Butylbenzene	ND	13	2.2	ug/Kg	09/13/14	JLI	SW8260
Tetrachloroethene	ND	13	2.8	ug/Kg	09/13/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	27	12	ug/Kg	09/13/14	JLI	SW8260
Toluene	ND	13	2.1	ug/Kg	09/13/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	13	2.7	ug/Kg	09/13/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	27	25	ug/Kg	09/13/14	JLI	SW8260
Trichloroethene	ND	13	2.9	ug/Kg	09/13/14	JLI	SW8260
Trichlorofluoromethane	ND	13	3.0	ug/Kg	09/13/14	JLI	SW8260
Trichlorotrifluoroethane	ND	13	2.1	ug/Kg	09/13/14	JLI	SW8260
Vinyl chloride	ND	13	4.4	ug/Kg	09/13/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	103			%	09/13/14	JLI	70 - 121 %
% Bromofluorobenzene	96			%	09/13/14	JLI	59 - 113 %
% Dibromofluoromethane	110			%	09/13/14	JLI	70 - 130 %
% Toluene-d8	100			%	09/13/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	09/13/14	KCA	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dimethylphenol	ND	260	93	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrophenol	ND	1900	260	ug/Kg	09/13/14	KCA	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	09/13/14	KCA	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylnaphthalene	160	J 260	110	ug/Kg	09/13/14	KCA	SW 8270
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	09/13/14	KCA	SW 8270
2-Nitroaniline	ND	1900	380	ug/Kg	09/13/14	KCA	SW 8270
2-Nitrophenol	ND	260	240	ug/Kg	09/13/14	KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	09/13/14	KCA	SW 8270
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	09/13/14	KCA	SW 8270
3-Nitroaniline	ND	1900	810	ug/Kg	09/13/14	KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	09/13/14	KCA	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
4-Chloroaniline	ND	750	170	ug/Kg	09/13/14	KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	120	ug/Kg	09/13/14	KCA	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Acetophenone	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Aniline	ND	1900	750	ug/Kg	09/13/14	KCA	SW 8270
Anthracene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benz(a)anthracene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzidine	ND	750	220	ug/Kg	09/13/14	KCA	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzo(k)fluoranthene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Benzoic acid	ND	1900	750	ug/Kg	09/13/14	KCA	SW 8270 1
Benzyl butyl phthalate	ND	260	96	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Carbazole	ND	1900	280	ug/Kg	09/13/14	KCA	SW 8270
Chrysene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Dimethylphthalate	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Di-n-butylphthalate	ND	260	99	ug/Kg	09/13/14	KCA	SW 8270
Di-n-octylphthalate	ND	260	96	ug/Kg	09/13/14	KCA	SW 8270
Fluoranthene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Fluorene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorobutadiene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Isophorone	ND	260	100	ug/Kg	09/13/14	KCA	SW 8270
Naphthalene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/13/14	KCA	SW 8270
Phenanthrene	ND	260	110	ug/Kg	09/13/14	KCA	SW 8270
Phenol	ND	260	120	ug/Kg	09/13/14	KCA	SW 8270
Pyrene	ND	260	130	ug/Kg	09/13/14	KCA	SW 8270
Pyridine	ND	260	92	ug/Kg	09/13/14	KCA	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	95			%	09/13/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	74			%	09/13/14	KCA	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	87			%	09/13/14	KCA	25 - 121 %
% Nitrobenzene-d5	67			%	09/13/14	KCA	23 - 120 %
% Phenol-d5	84			%	09/13/14	KCA	24 - 113 %
% Terphenyl-d14	92			%	09/13/14	KCA	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

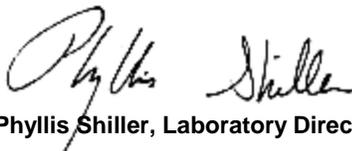
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**September 18, 2014**

**Reviewed and Released by: Bobbi Aloisa, Vice President**

# Sample Criteria Exceedences Report

## GBH13119 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BH13119	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	4.5	3.3	3.3	3.3	ug/Kg
BH13119	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.31	0.09	0.18	0.18	0.18	mg/Kg
BH13119	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	118	0.7	63	63	63	mg/Kg
BH13119	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	455	7.0	109	109	109	mg/Kg
BH13121	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	82	90	50	50	50	ug/Kg
BH13121	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	11000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	10000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	8000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1900	260	500	500	500	ug/Kg
BH13121	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	580	260	330	330	330	ug/Kg
BH13121	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3400	260	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	11000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	580	260	330	330	330	ug/Kg
BH13121	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	11000	1300	3900	3900	3900	ug/Kg
BH13121	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1900	260	500	500	500	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	8000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	10000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	11000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	11000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	8000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	260	500	500	500	ug/Kg
BH13121	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	10000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3400	260	800	800	800	ug/Kg
BH13121	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	11000	1300	1000	1000	1000	ug/Kg
BH13121	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	580	260	330	330	330	ug/Kg
BH13121	\$PCB_SMRDP	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	160	38	100	100	100	ug/Kg
BH13121	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	27	3.3	3.3	3.3	ug/Kg
BH13121	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	38	14	14	14	ug/Kg
BH13121	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	19	5	5	5	ug/Kg
BH13121	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	19	5	5	5	ug/Kg
BH13121	\$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	38	20	20	20	ug/Kg
BH13121	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	27	3.3	3.3	3.3	ug/Kg
BH13121	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	27	3.3	3.3	3.3	ug/Kg
BH13121	\$PESTSMDPR	b-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	38	36	36	36	ug/Kg
BH13121	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	112	0.36	50	50	50	mg/kg
BH13121	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.66	0.07	0.18	0.18	0.18	mg/Kg
BH13121	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	352	7.1	63	63	63	mg/Kg
BH13121	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	956	7.1	109	109	109	mg/Kg
BH13123	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	340	110	50	50	50	ug/Kg
BH13123	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	7.0	3.3	3.3	3.3	ug/Kg

Criteria: NY: 375, 375RRS, 375RS

State: NY

## Sample Criteria Exceedences Report

### GBH13119 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH13123	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	77.6	0.37	50	50	mg/kg
BH13123	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.05	0.08	0.81	0.81	mg/Kg
BH13123	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.05	0.08	0.81	0.81	mg/Kg
BH13123	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.05	0.08	0.18	0.18	mg/Kg
BH13123	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	356	7.4	63	63	mg/Kg
BH13123	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	551	7.4	109	109	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

September 18, 2014

SDG I.D.: GBH13119

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes  No   
 Coolant: IPK  ICE  No   
 Temp 4 ° C Pg of

Contact Options:  
 Fax:  
 Phone: (631) 504-6000  
 Email: C.sosik@ebcincny.com

**NY/NJ CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Customer: Environmental Business Consultants  
 Address: 1808 Middle Country Road  
 Ridge, New York 11961

Project: FBI Metropolitan Avenue Brooklyn NY Project P.O.  
 Report to: Environmental Business Consultants  
 Invoice to: Environmental Business Consultants

This section **MUST** be completed with **Bottle Quantities.**

Sampler's Signature: Rubin Lopez Date: 9/12/14  
 Client Sample - Information - Identification  
 Matrix Code: GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
13119	B1 0-25	S	9-11-14	9:00	SOIL VOA Vials [X] methanol [X] H2O GL Soil container (8) oz 40 ml VOA Vial [X] HCl GL Amber 1000ml [X] As Is PL H2SO4 [ 250ml ] As Is PL HNO3 250ml Bacteria Bottle
13120	B1 12-14	S		9:15	
13121	B2 0-25	S		10:00	
13122	B2 12-14	S		10:15	
13123	B3 0-25	S		11:00	
13124	B3 12-14	S		11:15	

Relinquished by: [Signature] Accepted by: [Signature]  
 Date: 9-12-14 12:15  
 Time: 9-2-14 11:04-9

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 5 Days  
 10 Days  
 Other  
 \* SURCHARGE APPLIES

State where samples were collected: NY

Res. Criteria  
 Non-Res. Criteria  
 Impact to GW Soil Cleanup Criteria  
 GW Criteria

NY TAGM 4046 GW  
 TAGM 4046 SOIL  
 NY375 Unrestricted Use Soil  
 NY375 Residential  
 Restricted/Residential  
 Commercial  
 Industrial

Data Format  
 Phoenix Std Report  
 Excel  
 PDF  
 GIS/Key  
 EQUIS  
 NJ Hazsite EDD  
 NY EZ EDD (ASP)  
 Other

Data Package  
 NJ Reduced Deliv.\*  
 NY Enhanced (ASP B)\*  
 Other

Comments, Special Requirements or Regulations:



Wednesday, October 01, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 771 METROPOLITAN AVE  
Sample ID#s: BH15922 - BH15927

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

October 01, 2014

SDG I.D.: GBH15922

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Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date

09/12/14  
 09/18/14

Time

9:00  
 16:26

Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15922

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB4 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.38	0.38	0.38	mg/Kg	09/22/14	EK	SW6010
Aluminum	6360	38	7.6	mg/Kg	09/22/14	EK	SW6010
Arsenic	15.1	0.8	0.76	mg/Kg	09/22/14	EK	SW6010
Barium	109	0.8	0.38	mg/Kg	09/22/14	EK	SW6010
Beryllium	0.35	0.31	0.15	mg/Kg	09/22/14	EK	SW6010
Calcium	7780	* 3.8	3.5	mg/Kg	09/22/14	EK	SW6010
Cadmium	1.45	* 0.38	0.15	mg/Kg	09/22/14	EK	SW6010
Cobalt	16.2	0.38	0.38	mg/Kg	09/22/14	EK	SW6010
Chromium	29.5	0.38	0.38	mg/Kg	09/22/14	EK	SW6010
Copper	200	3.8	3.8	mg/kg	09/22/14	EK	SW6010
Iron	81700	* 38	38	mg/Kg	09/22/14	EK	SW6010
Mercury	2.00	0.06	0.04	mg/Kg	09/22/14	RS	SW-7471
Potassium	1030	N 76	30	mg/Kg	09/22/14	EK	SW6010
Magnesium	1600	* 3.8	3.8	mg/Kg	09/22/14	EK	SW6010
Manganese	767	N 3.8	3.8	mg/Kg	09/22/14	EK	SW6010
Sodium	254	N 8	3.3	mg/Kg	09/22/14	EK	SW6010
Nickel	30.0	0.38	0.38	mg/Kg	09/22/14	EK	SW6010
Lead	491	7.6	3.8	mg/Kg	09/22/14	EK	SW6010
Antimony	4.6	1.9	1.9	mg/Kg	09/22/14	EK	SW6010
Selenium	1.9	1.5	1.3	mg/Kg	09/22/14	EK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/22/14	EK	SW6010
Vanadium	52.8	0.4	0.38	mg/Kg	09/22/14	EK	SW6010
Zinc	404	* 7.6	3.8	mg/Kg	09/22/14	EK	SW6010
Percent Solid	91			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	09/19/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	09/19/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	96			%	09/19/14	AW	30 - 150 %
% TCMX	90			%	09/19/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	2.6	2.6	ug/Kg	09/20/14	CE	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	09/20/14	CE	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	09/20/14	CE	SW8081
a-BHC	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
b-BHC	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Chlordane	ND	36	36	ug/Kg	09/20/14	CE	SW8081
d-BHC	7.7	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Endrin	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Endrin ketone	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
g-BHC	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Heptachlor	ND	3.6	3.6	ug/Kg	09/20/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Methoxychlor	ND	11	11	ug/Kg	09/20/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	09/20/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	108			%	09/20/14	CE	30 - 150 %
% TCMX	82			%	09/20/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.3	0.81	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.3	0.91	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	8.3	0.73	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	8.3	0.88	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	41	3.7	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	8.3	0.96	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	41	2.0	ug/Kg	09/22/14	JLI	SW8260
Acetone	80	JS 83	8.2	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	17	4.7	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	8.3	1.0	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	8.3	6.4	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	3.4	J 8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	8.3	0.96	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	8.3	1.9	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	8.3	4.3	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.3	0.90	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	8.3	0.93	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	8.3	1.0	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	8.3	3.3	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	15	J 50	7.2	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	17	2.3	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	3.4	JS 8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260

1

B

B\*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	8.3	3.2	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	8.3	2.4	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	17	7.5	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	17	15	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	8.3	2.7	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	101			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	95			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	95			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	91			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	510	260	ug/Kg	09/21/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
1,2-Dichlorobenzene	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	510	240	ug/Kg	09/21/14	DD	SW 8270
1,3-Dichlorobenzene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
1,4-Dichlorobenzene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	510	400	ug/Kg	09/21/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	510	230	ug/Kg	09/21/14	DD	SW 8270
2,4-Dichlorophenol	ND	510	260	ug/Kg	09/21/14	DD	SW 8270
2,4-Dimethylphenol	ND	510	180	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrophenol	ND	3700	510	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrotoluene	ND	510	290	ug/Kg	09/21/14	DD	SW 8270
2,6-Dinitrotoluene	ND	510	230	ug/Kg	09/21/14	DD	SW 8270
2-Chloronaphthalene	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
2-Chlorophenol	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
2-Methylnaphthalene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	330	330	ug/Kg	09/21/14	DD	SW 8270
2-Nitroaniline	ND	3700	740	ug/Kg	09/21/14	DD	SW 8270
2-Nitrophenol	ND	510	460	ug/Kg	09/21/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	510	290	ug/Kg	09/21/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	1500	340	ug/Kg	09/21/14	DD	SW 8270
3-Nitroaniline	ND	3700	1600	ug/Kg	09/21/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	3700	790	ug/Kg	09/21/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	510	260	ug/Kg	09/21/14	DD	SW 8270
4-Chloroaniline	ND	1500	340	ug/Kg	09/21/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	510	250	ug/Kg	09/21/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	3700	240	ug/Kg	09/21/14	DD	SW 8270
4-Nitrophenol	ND	3700	330	ug/Kg	09/21/14	DD	SW 8270
Acenaphthene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
Acenaphthylene	ND	510	200	ug/Kg	09/21/14	DD	SW 8270
Acetophenone	ND	510	230	ug/Kg	09/21/14	DD	SW 8270
Aniline	ND	3700	1500	ug/Kg	09/21/14	DD	SW 8270
Anthracene	ND	510	240	ug/Kg	09/21/14	DD	SW 8270
Benz(a)anthracene	610	510	250	ug/Kg	09/21/14	DD	SW 8270
Benzidine	ND	1500	430	ug/Kg	09/21/14	DD	SW 8270
Benzo(a)pyrene	570	510	240	ug/Kg	09/21/14	DD	SW 8270
Benzo(b)fluoranthene	850	510	250	ug/Kg	09/21/14	DD	SW 8270
Benzo(ghi)perylene	380	J 510	240	ug/Kg	09/21/14	DD	SW 8270
Benzo(k)fluoranthene	250	J 510	240	ug/Kg	09/21/14	DD	SW 8270
Benzoic acid	ND	3700	1500	ug/Kg	09/21/14	DD	SW 8270
Benzyl butyl phthalate	ND	510	190	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	510	200	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	510	200	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	510	200	ug/Kg	09/21/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
Carbazole	ND	3700	550	ug/Kg	09/21/14	DD	SW 8270
Chrysene	720	510	250	ug/Kg	09/21/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	330	240	ug/Kg	09/21/14	DD	SW 8270
Dibenzofuran	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
Diethyl phthalate	ND	510	230	ug/Kg	09/21/14	DD	SW 8270
Dimethylphthalate	ND	510	230	ug/Kg	09/21/14	DD	SW 8270
Di-n-butylphthalate	ND	510	190	ug/Kg	09/21/14	DD	SW 8270
Di-n-octylphthalate	ND	510	190	ug/Kg	09/21/14	DD	SW 8270
Fluoranthene	1400	510	240	ug/Kg	09/21/14	DD	SW 8270
Fluorene	ND	510	240	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobenzene	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobutadiene	ND	510	260	ug/Kg	09/21/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
Hexachloroethane	ND	510	220	ug/Kg	09/21/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	330	J 500	240	ug/Kg	09/21/14	DD	SW 8270
Isophorone	ND	510	200	ug/Kg	09/21/14	DD	SW 8270
Naphthalene	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
Nitrobenzene	ND	510	260	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodimethylamine	ND	510	210	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	510	240	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	510	280	ug/Kg	09/21/14	DD	SW 8270
Pentachloronitrobenzene	ND	510	270	ug/Kg	09/21/14	DD	SW 8270
Pentachlorophenol	ND	510	280	ug/Kg	09/21/14	DD	SW 8270
Phenanthrene	910	510	210	ug/Kg	09/21/14	DD	SW 8270
Phenol	ND	330	230	ug/Kg	09/21/14	DD	SW 8270
Pyrene	1300	510	250	ug/Kg	09/21/14	DD	SW 8270
Pyridine	ND	510	180	ug/Kg	09/21/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	57			%	09/21/14	DD	19 - 122 %
% 2-Fluorobiphenyl	82			%	09/21/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	61			%	09/21/14	DD	25 - 121 %
% Nitrobenzene-d5	74			%	09/21/14	DD	23 - 120 %
% Phenol-d5	71			%	09/21/14	DD	24 - 113 %
% Terphenyl-d14	94			%	09/21/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

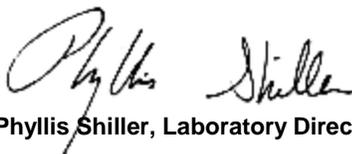
**Semi-Volatile Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

09/12/14  
 09/18/14

## Time

9:15  
 16:26

## Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15923

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB4 8-10 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	09/22/14	EK	SW6010
Aluminum	6720	37	7.5	mg/Kg	09/22/14	EK	SW6010
Arsenic	1.4	0.7	0.75	mg/Kg	09/22/14	EK	SW6010
Barium	17.3	0.7	0.37	mg/Kg	09/22/14	EK	SW6010
Beryllium	< 0.30	0.30	0.15	mg/Kg	09/22/14	EK	SW6010
Calcium	458	* 3.7	3.4	mg/Kg	09/22/14	EK	SW6010
Cadmium	< 0.37	* 0.37	0.15	mg/Kg	09/22/14	EK	SW6010
Cobalt	3.60	0.37	0.37	mg/Kg	09/22/14	EK	SW6010
Chromium	11.5	0.37	0.37	mg/Kg	09/22/14	EK	SW6010
Copper	5.10	N 0.37	0.37	mg/kg	09/22/14	EK	SW6010
Iron	13300	* 37	37	mg/Kg	09/22/14	EK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	09/22/14	RS	SW-7471
Potassium	592	N 75	29	mg/Kg	09/22/14	EK	SW6010
Magnesium	1050	* 3.7	3.7	mg/Kg	09/22/14	EK	SW6010
Manganese	1190	N 37	37	mg/Kg	09/23/14	EK	SW6010
Sodium	52	N 7	3.2	mg/Kg	09/22/14	EK	SW6010
Nickel	5.22	0.37	0.37	mg/Kg	09/22/14	EK	SW6010
Lead	10.3	7.5	3.7	mg/Kg	09/22/14	EK	SW6010
Antimony	< 1.9	1.9	1.9	mg/Kg	09/22/14	EK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	09/22/14	EK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/22/14	LK	SW6010
Vanadium	16.3	0.4	0.37	mg/Kg	09/22/14	EK	SW6010
Zinc	16.9	* 0.7	0.37	mg/Kg	09/22/14	EK	SW6010
Percent Solid	94			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	44			%	09/19/14	AW	30 - 150 %
% TCMX	46			%	09/19/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
4,4' -DDE	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
4,4' -DDT	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
a-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
b-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Chlordane	ND	35	35	ug/Kg	09/20/14	CE	SW8081
d-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Endosulfan I	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endosulfan II	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endosulfan sulfate	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin aldehyde	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
g-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Heptachlor	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Methoxychlor	ND	7.1	7.1	ug/Kg	09/20/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	09/20/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	52			%	09/20/14	CE	30 - 150 %
% TCMX	45			%	09/20/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.3	0.81	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.3	0.91	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	8.3	0.73	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	8.3	0.88	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	41	3.7	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	8.3	0.96	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	41	2.0	ug/Kg	09/22/14	JLI	SW8260
Acetone	17	JS 50	8.2	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	17	4.7	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	8.3	1.1	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	8.3	1.0	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	8.3	6.4	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	8.3	0.96	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	8.3	1.9	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	8.3	4.3	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.3	0.90	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	8.3	0.93	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	8.3	1.0	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	8.3	3.3	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	ND	50	7.2	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	17	2.3	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	ND	8.3	1.4	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	ND	8.3	2.2	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260

1

B\*

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	8.3	1.5	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	8.3	3.2	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	8.3	1.2	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	8.3	1.6	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	8.3	2.4	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	17	7.5	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.3	1.7	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	17	15	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	8.3	1.8	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	8.3	2.7	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	98			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	93			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	101			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	94			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	240	97	ug/Kg	09/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	09/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	240	86	ug/Kg	09/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	1700	240	ug/Kg	09/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	240	140	ug/Kg	09/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
2-Chloronaphthalene	ND	240	98	ug/Kg	09/19/14	DD	SW 8270
2-Chlorophenol	ND	240	98	ug/Kg	09/19/14	DD	SW 8270
2-Methylnaphthalene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	09/19/14	DD	SW 8270
2-Nitroaniline	ND	1700	350	ug/Kg	09/19/14	DD	SW 8270
2-Nitrophenol	ND	240	220	ug/Kg	09/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	240	140	ug/Kg	09/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	690	160	ug/Kg	09/19/14	DD	SW 8270
3-Nitroaniline	ND	1700	750	ug/Kg	09/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1700	370	ug/Kg	09/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
4-Chloroaniline	ND	690	160	ug/Kg	09/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	240	120	ug/Kg	09/19/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1700	120	ug/Kg	09/19/14	DD	SW 8270
4-Nitrophenol	ND	1700	160	ug/Kg	09/19/14	DD	SW 8270
Acenaphthene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
Acenaphthylene	ND	240	97	ug/Kg	09/19/14	DD	SW 8270
Acetophenone	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Aniline	ND	1700	700	ug/Kg	09/19/14	DD	SW 8270
Anthracene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Benz(a)anthracene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
Benzidine	ND	690	200	ug/Kg	09/19/14	DD	SW 8270
Benzo(a)pyrene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Benzo(b)fluoranthene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
Benzo(ghi)perylene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Benzo(k)fluoranthene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Benzoic acid	ND	1700	690	ug/Kg	09/19/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	240	89	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	240	95	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	240	93	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	96	ug/Kg	09/19/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	240	99	ug/Kg	09/19/14	DD	SW 8270
Carbazole	ND	1700	260	ug/Kg	09/19/14	DD	SW 8270
Chrysene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Dibenzofuran	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
Diethyl phthalate	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Dimethylphthalate	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Di-n-butylphthalate	ND	240	92	ug/Kg	09/19/14	DD	SW 8270
Di-n-octylphthalate	ND	240	89	ug/Kg	09/19/14	DD	SW 8270
Fluoranthene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Fluorene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Hexachlorobenzene	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
Hexachlorobutadiene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Hexachloroethane	ND	240	100	ug/Kg	09/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Isophorone	ND	240	97	ug/Kg	09/19/14	DD	SW 8270
Naphthalene	ND	240	99	ug/Kg	09/19/14	DD	SW 8270
Nitrobenzene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	240	97	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	09/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	240	130	ug/Kg	09/19/14	DD	SW 8270
Pentachlorophenol	ND	240	130	ug/Kg	09/19/14	DD	SW 8270
Phenanthrene	ND	240	99	ug/Kg	09/19/14	DD	SW 8270
Phenol	ND	240	110	ug/Kg	09/19/14	DD	SW 8270
Pyrene	ND	240	120	ug/Kg	09/19/14	DD	SW 8270
Pyridine	ND	240	85	ug/Kg	09/19/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	72			%	09/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	87			%	09/19/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	61			%	09/19/14	DD	25 - 121 %
% Nitrobenzene-d5	75			%	09/19/14	DD	23 - 120 %
% Phenol-d5	72			%	09/19/14	DD	24 - 113 %
% Terphenyl-d14	102			%	09/19/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

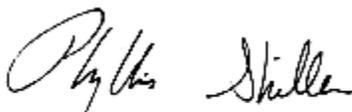
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

09/12/14  
 09/18/14

## Time

9:45  
 16:26

## Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15924

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB5 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	23.3	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Aluminum	7070	34	6.9	mg/Kg	09/22/14	EK	SW6010
Arsenic	25.1	0.7	0.69	mg/Kg	09/22/14	EK	SW6010
Barium	528	0.7	0.34	mg/Kg	09/22/14	EK	SW6010
Beryllium	0.22	B 0.27	0.14	mg/Kg	09/22/14	EK	SW6010
Calcium	10700	* 34	32	mg/Kg	09/22/14	EK	SW6010
Cadmium	6.02	* 0.34	0.14	mg/Kg	09/22/14	EK	SW6010
Cobalt	21.4	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Chromium	55.5	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Copper	593	3.4	3.4	mg/kg	09/22/14	EK	SW6010
Iron	75100	* 34	34	mg/Kg	09/22/14	EK	SW6010
Mercury	41.3	3.9	2.3	mg/Kg	09/22/14	RS	SW-7471
Potassium	1090	N 69	27	mg/Kg	09/22/14	EK	SW6010
Magnesium	4340	* 3.4	3.4	mg/Kg	09/22/14	EK	SW6010
Manganese	688	N 3.4	3.4	mg/Kg	09/22/14	EK	SW6010
Sodium	799	N 7	2.9	mg/Kg	09/22/14	EK	SW6010
Nickel	77.7	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Lead	18100	690	340	mg/Kg	09/24/14	EK	SW6010
Antimony	37.6	1.7	1.7	mg/Kg	09/22/14	EK	SW6010
Selenium	3.4	1.4	1.2	mg/Kg	09/22/14	EK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	09/22/14	EK	SW6010
Vanadium	32.4	0.3	0.34	mg/Kg	09/22/14	EK	SW6010
Zinc	2490	* 69	34	mg/Kg	09/23/14	EK	SW6010
Percent Solid	90			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	09/19/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	09/19/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	90			%	09/19/14	AW	30 - 150 %
% TCMX	84			%	09/19/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	13	13	ug/Kg	09/23/14	CE	SW8081
4,4' -DDE	ND	13	13	ug/Kg	09/23/14	CE	SW8081
4,4' -DDT	ND	13	13	ug/Kg	09/23/14	CE	SW8081
a-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
a-Chlordane	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Aldrin	ND	9.2	9.2	ug/Kg	09/23/14	CE	SW8081
b-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Chlordane	ND	180	180	ug/Kg	09/23/14	CE	SW8081
d-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Dieldrin	ND	9.2	9.2	ug/Kg	09/23/14	CE	SW8081
Endosulfan I	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endosulfan II	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endosulfan sulfate	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin aldehyde	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin ketone	ND	9.2	9.2	ug/Kg	09/23/14	CE	SW8081
g-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
g-Chlordane	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Heptachlor	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Heptachlor epoxide	ND	9.2	9.2	ug/Kg	09/23/14	CE	SW8081
Methoxychlor	ND	37	37	ug/Kg	09/23/14	CE	SW8081
Toxaphene	ND	920	920	ug/Kg	09/23/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	Diluted Out			%	09/23/14	CE	30 - 150 %
% TCMX	89			%	09/23/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	10	1.7	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	10	1.0	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	10	2.2	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	10	2.7	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	10	2.7	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	10	1.1	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	10	0.90	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	10	1.3	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	10	1.1	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	10	1.6	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	10	1.7	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	10	1.6	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	51	4.6	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	10	1.4	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	10	1.2	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	51	2.4	ug/Kg	09/22/14	JLI	SW8260
Acetone	23	JS 50	10	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	20	5.7	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	10	1.3	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	10	1.3	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	10	1.4	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	10	7.9	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	7.4	J 10	1.7	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	10	1.2	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	10	2.4	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	10	1.9	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	10	5.4	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	10	2.2	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	10	1.1	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	10	1.1	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	10	1.3	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	10	2.7	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	10	1.9	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	10	2.1	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	10	4.0	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	ND	61	8.9	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	20	2.8	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	2.7	JS 10	1.7	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	1800	280	75	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	10	1.9	ug/Kg	09/22/14	JLI	SW8260

1

B\*

B\*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	10	1.8	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	10	3.9	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	10	1.5	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	10	1.9	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	10	2.9	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	10	1.6	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	10	2.1	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	20	9.2	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	10	1.6	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	10	2.0	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	10	2.1	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	20	19	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	10	2.2	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	10	2.3	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	10	1.6	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	10	3.3	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	100			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	88			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	105			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	95			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	2600	1300	ug/Kg	09/21/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
1,2-Dichlorobenzene	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
1,3-Dichlorobenzene	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
1,4-Dichlorobenzene	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	2600	2000	ug/Kg	09/21/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
2,4-Dichlorophenol	ND	2600	1300	ug/Kg	09/21/14	DD	SW 8270
2,4-Dimethylphenol	ND	2600	910	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrophenol	ND	18000	2600	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrotoluene	ND	2600	1500	ug/Kg	09/21/14	DD	SW 8270
2,6-Dinitrotoluene	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
2-Chloronaphthalene	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
2-Chlorophenol	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
2-Methylnaphthalene	1100	J 2600	1100	ug/Kg	09/21/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	2600	1700	ug/Kg	09/21/14	DD	SW 8270
2-Nitroaniline	ND	18000	3700	ug/Kg	09/21/14	DD	SW 8270
2-Nitrophenol	ND	2600	2300	ug/Kg	09/21/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	2600	1500	ug/Kg	09/21/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	7400	1700	ug/Kg	09/21/14	DD	SW 8270
3-Nitroaniline	ND	18000	8000	ug/Kg	09/21/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	18000	4000	ug/Kg	09/21/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	2600	1300	ug/Kg	09/21/14	DD	SW 8270
4-Chloroaniline	ND	7400	1700	ug/Kg	09/21/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	18000	1200	ug/Kg	09/21/14	DD	SW 8270
4-Nitrophenol	ND	18000	1700	ug/Kg	09/21/14	DD	SW 8270
Acenaphthene	3800	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Acenaphthylene	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
Acetophenone	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Aniline	ND	18000	7400	ug/Kg	09/21/14	DD	SW 8270
Anthracene	7100	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Benz(a)anthracene	11000	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Benzidine	ND	7400	2200	ug/Kg	09/21/14	DD	SW 8270
Benzo(a)pyrene	10000	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Benzo(b)fluoranthene	13000	2600	1300	ug/Kg	09/21/14	DD	SW 8270
Benzo(ghi)perylene	6300	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Benzo(k)fluoranthene	4400	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Benzoic acid	ND	18000	7400	ug/Kg	09/21/14	DD	SW 8270
Benzyl butyl phthalate	ND	2600	950	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	2600	990	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Carbazole	6700	J 18000	2800	ug/Kg	09/21/14	DD	SW 8270
Chrysene	12000	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Dibenzofuran	2800	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Diethyl phthalate	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Dimethylphthalate	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Di-n-butylphthalate	ND	2600	980	ug/Kg	09/21/14	DD	SW 8270
Di-n-octylphthalate	ND	2600	950	ug/Kg	09/21/14	DD	SW 8270
Fluoranthene	25000	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Fluorene	3800	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobenzene	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobutadiene	ND	2600	1300	ug/Kg	09/21/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Hexachloroethane	ND	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	5600	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Isophorone	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
Naphthalene	2800	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Nitrobenzene	ND	2600	1300	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodimethylamine	ND	2600	1000	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	2600	1400	ug/Kg	09/21/14	DD	SW 8270
Pentachloronitrobenzene	ND	2600	1400	ug/Kg	09/21/14	DD	SW 8270
Pentachlorophenol	ND	2600	1400	ug/Kg	09/21/14	DD	SW 8270
Phenanthrene	26000	2600	1100	ug/Kg	09/21/14	DD	SW 8270
Phenol	ND	2600	1200	ug/Kg	09/21/14	DD	SW 8270
Pyrene	23000	2600	1300	ug/Kg	09/21/14	DD	SW 8270
Pyridine	ND	2600	910	ug/Kg	09/21/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	Diluted Out			%	09/21/14	DD	19 - 122 %
% 2-Fluorobiphenyl	Diluted Out			%	09/21/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	Diluted Out			%	09/21/14	DD	25 - 121 %
% Nitrobenzene-d5	Diluted Out			%	09/21/14	DD	23 - 120 %
% Phenol-d5	Diluted Out			%	09/21/14	DD	24 - 113 %
% Terphenyl-d14	Diluted Out			%	09/21/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

**Semi-Volatile Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

09/12/14  
 09/18/14

## Time

10:00  
 16:26

## Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15925

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB5 8-10 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Aluminum	8090	34	6.9	mg/Kg	09/22/14	EK	SW6010
Arsenic	< 0.7	0.7	0.69	mg/Kg	09/22/14	EK	SW6010
Barium	23.1	0.7	0.34	mg/Kg	09/22/14	EK	SW6010
Beryllium	0.45	0.28	0.14	mg/Kg	09/22/14	EK	SW6010
Calcium	1640	* 3.4	3.2	mg/Kg	09/22/14	EK	SW6010
Cadmium	< 0.34	* 0.34	0.14	mg/Kg	09/22/14	EK	SW6010
Cobalt	8.01	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Chromium	17.7	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Copper	14.2	N 0.34	0.34	mg/kg	09/22/14	EK	SW6010
Iron	18200	* 34	34	mg/Kg	09/22/14	EK	SW6010
Mercury	< 0.06	0.06	0.04	mg/Kg	09/22/14	RS	SW-7471
Potassium	762	N 69	27	mg/Kg	09/22/14	EK	SW6010
Magnesium	1350	* 3.4	3.4	mg/Kg	09/22/14	EK	SW6010
Manganese	575	N 3.4	3.4	mg/Kg	09/22/14	EK	SW6010
Sodium	86	N 7	3.0	mg/Kg	09/22/14	EK	SW6010
Nickel	9.02	0.34	0.34	mg/Kg	09/22/14	EK	SW6010
Lead	202	6.9	3.4	mg/Kg	09/22/14	EK	SW6010
Antimony	< 1.7	1.7	1.7	mg/Kg	09/22/14	EK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	09/22/14	EK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	09/22/14	LK	SW6010
Vanadium	29.1	0.3	0.34	mg/Kg	09/22/14	EK	SW6010
Zinc	25.1	* 0.7	0.34	mg/Kg	09/22/14	EK	SW6010
Percent Solid	92			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	09/19/14	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	09/19/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	84			%	09/19/14	AW	30 - 150 %
% TCMX	91			%	09/19/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
4,4' -DDE	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
4,4' -DDT	ND	2.5	2.5	ug/Kg	09/20/14	CE	SW8081
a-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
b-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Chlordane	ND	35	35	ug/Kg	09/20/14	CE	SW8081
d-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Endosulfan I	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endosulfan II	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endosulfan sulfate	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin aldehyde	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Endrin ketone	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
g-BHC	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Heptachlor	ND	3.5	3.5	ug/Kg	09/20/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	09/20/14	CE	SW8081
Methoxychlor	ND	7.0	7.0	ug/Kg	09/20/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	09/20/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	92			%	09/20/14	CE	30 - 150 %
% TCMX	78			%	09/20/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	8.9	1.5	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.9	0.87	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.9	1.9	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	8.9	1.7	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.9	2.4	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	8.9	2.4	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.9	0.98	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	8.9	0.78	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.9	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	8.9	0.94	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	8.9	1.5	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	45	4.0	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	8.9	1.2	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	8.9	1.0	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	45	2.1	ug/Kg	09/22/14	JLI	SW8260
Acetone	13 JS	50	8.9	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	18	5.0	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	8.9	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	8.9	1.1	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	8.9	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	8.9	6.9	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	8.9	1.0	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	8.9	2.1	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	8.9	1.6	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	8.9	4.7	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.9	1.9	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.9	0.96	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	8.9	1.0	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	8.9	1.1	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.9	2.4	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	8.9	1.6	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	8.9	1.9	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	8.9	1.7	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	8.9	3.5	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	ND	53	7.7	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	18	2.5	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	ND	8.9	1.5	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	ND	8.9	2.4	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	8.9	1.6	ug/Kg	09/22/14	JLI	SW8260

1

B\*

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	8.9	1.6	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	8.9	3.4	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	8.9	1.3	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	8.9	1.7	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	8.9	2.6	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	8.9	1.9	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	18	8.0	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.9	1.8	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	18	17	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	8.9	1.9	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	8.9	2.0	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.9	1.4	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	8.9	2.9	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	98			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	97			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	105			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	96			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
1,2-Dichlorobenzene	ND	250	99	ug/Kg	09/22/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
1,3-Dichlorobenzene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
1,4-Dichlorobenzene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	09/22/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
2,4-Dichlorophenol	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
2,4-Dimethylphenol	ND	250	87	ug/Kg	09/22/14	DD	SW 8270
2,4-Dinitrophenol	ND	1800	250	ug/Kg	09/22/14	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	09/22/14	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
2-Methylnaphthalene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	160	ug/Kg	09/22/14	DD	SW 8270
2-Nitroaniline	ND	1800	350	ug/Kg	09/22/14	DD	SW 8270
2-Nitrophenol	ND	250	220	ug/Kg	09/22/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	09/22/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	700	170	ug/Kg	09/22/14	DD	SW 8270
3-Nitroaniline	ND	1800	760	ug/Kg	09/22/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	09/22/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
4-Chloroaniline	ND	700	160	ug/Kg	09/22/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	09/22/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1800	120	ug/Kg	09/22/14	DD	SW 8270
4-Nitrophenol	ND	1800	160	ug/Kg	09/22/14	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Acenaphthylene	ND	250	98	ug/Kg	09/22/14	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Aniline	ND	1800	710	ug/Kg	09/22/14	DD	SW 8270
Anthracene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Benz(a)anthracene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Benzidine	ND	700	210	ug/Kg	09/22/14	DD	SW 8270
Benzo(a)pyrene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Benzo(b)fluoranthene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Benzo(ghi)perylene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Benzo(k)fluoranthene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Benzoic acid	ND	1800	700	ug/Kg	09/22/14	DD	SW 8270
Benzyl butyl phthalate	ND	250	91	ug/Kg	09/22/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	97	ug/Kg	09/22/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	95	ug/Kg	09/22/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	98	ug/Kg	09/22/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
Carbazole	ND	1800	270	ug/Kg	09/22/14	DD	SW 8270
Chrysene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Dibenzofuran	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Di-n-butylphthalate	ND	250	93	ug/Kg	09/22/14	DD	SW 8270
Di-n-octylphthalate	ND	250	91	ug/Kg	09/22/14	DD	SW 8270
Fluoranthene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Hexachlorobenzene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	09/22/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Isophorone	ND	250	98	ug/Kg	09/22/14	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
Nitrobenzene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
N-Nitrosodimethylamine	ND	250	99	ug/Kg	09/22/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	250	130	ug/Kg	09/22/14	DD	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	09/22/14	DD	SW 8270
Pentachlorophenol	ND	250	130	ug/Kg	09/22/14	DD	SW 8270
Phenanthrene	ND	250	100	ug/Kg	09/22/14	DD	SW 8270
Phenol	ND	250	110	ug/Kg	09/22/14	DD	SW 8270
Pyrene	ND	250	120	ug/Kg	09/22/14	DD	SW 8270
Pyridine	ND	250	86	ug/Kg	09/22/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	78			%	09/22/14	DD	19 - 122 %
% 2-Fluorobiphenyl	92			%	09/22/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	74			%	09/22/14	DD	25 - 121 %
% Nitrobenzene-d5	83			%	09/22/14	DD	23 - 120 %
% Phenol-d5	81			%	09/22/14	DD	24 - 113 %
% Terphenyl-d14	101			%	09/22/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

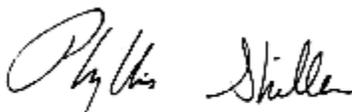
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

09/12/14  
 09/18/14

## Time

10:30  
 16:26

## Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15926

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB6 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	0.48	0.33	0.33	mg/Kg	09/22/14	EK	SW6010
Aluminum	7160	33	6.5	mg/Kg	09/22/14	EK	SW6010
Arsenic	8.3	0.7	0.65	mg/Kg	09/22/14	EK	SW6010
Barium	167	0.7	0.33	mg/Kg	09/22/14	EK	SW6010
Beryllium	0.27	0.26	0.13	mg/Kg	09/22/14	EK	SW6010
Calcium	23600	* 33	30	mg/Kg	09/22/14	EK	SW6010
Cadmium	1.03	* 0.33	0.13	mg/Kg	09/22/14	EK	SW6010
Cobalt	8.21	0.33	0.33	mg/Kg	09/22/14	EK	SW6010
Chromium	23.4	0.33	0.33	mg/Kg	09/22/14	EK	SW6010
Copper	153	3.3	3.3	mg/kg	09/22/14	EK	SW6010
Iron	21800	* 33	33	mg/Kg	09/22/14	EK	SW6010
Mercury	2.05	0.09	0.05	mg/Kg	09/22/14	RS	SW-7471
Potassium	1660	N 65	26	mg/Kg	09/22/14	EK	SW6010
Magnesium	2850	* 3.3	3.3	mg/Kg	09/22/14	EK	SW6010
Manganese	280	N 3.3	3.3	mg/Kg	09/22/14	EK	SW6010
Sodium	1120	N 7	2.8	mg/Kg	09/22/14	EK	SW6010
Nickel	19.6	0.33	0.33	mg/Kg	09/22/14	EK	SW6010
Lead	663	6.5	3.3	mg/Kg	09/22/14	EK	SW6010
Antimony	15.5	1.6	1.6	mg/Kg	09/22/14	LK	SW6010
Selenium	< 1.3	1.3	1.1	mg/Kg	09/22/14	LK	SW6010
Thallium	< 1.3	1.3	1.3	mg/Kg	09/22/14	LK	SW6010
Vanadium	27.6	0.3	0.33	mg/Kg	09/22/14	EK	SW6010
Zinc	445	* 6.5	3.3	mg/Kg	09/22/14	EK	SW6010
Percent Solid	91			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	09/20/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	84			%	09/20/14	AW	30 - 150 %
% TCMX	86			%	09/20/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	13	13	ug/Kg	09/23/14	CE	SW8081
4,4' -DDE	ND	13	13	ug/Kg	09/23/14	CE	SW8081
4,4' -DDT	ND	13	13	ug/Kg	09/23/14	CE	SW8081
a-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
a-Chlordane	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Aldrin	ND	9.1	9.1	ug/Kg	09/23/14	CE	SW8081
b-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Chlordane	ND	180	180	ug/Kg	09/23/14	CE	SW8081
d-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Dieldrin	ND	9.1	9.1	ug/Kg	09/23/14	CE	SW8081
Endosulfan I	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endosulfan II	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endosulfan sulfate	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin aldehyde	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Endrin ketone	ND	9.1	9.1	ug/Kg	09/23/14	CE	SW8081
g-BHC	ND	18	18	ug/Kg	09/23/14	CE	SW8081
g-Chlordane	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Heptachlor	ND	18	18	ug/Kg	09/23/14	CE	SW8081
Heptachlor epoxide	ND	9.1	9.1	ug/Kg	09/23/14	CE	SW8081
Methoxychlor	ND	36	36	ug/Kg	09/23/14	CE	SW8081
Toxaphene	ND	910	910	ug/Kg	09/23/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	107			%	09/23/14	CE	30 - 150 %
% TCMX	87			%	09/23/14	CE	30 - 150 %
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.0	0.78	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	8.0	1.7	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.0	2.1	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	8.0	2.1	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.0	0.88	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	8.0	0.70	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.0	1.2	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	8.0	0.84	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	40	3.6	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	8.0	0.92	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	40	1.9	ug/Kg	09/22/14	JLI	SW8260
Acetone	85	S 80	7.9	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	16	4.5	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	8.0	1.0	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	8.0	1.2	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	8.0	0.99	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	8.0	6.1	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	8.0	0.92	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	8.0	1.2	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	8.0	1.9	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	8.0	4.2	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.0	1.7	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.0	0.86	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	8.0	0.89	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	8.0	1.0	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.0	2.1	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	8.0	1.7	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	8.0	3.1	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	16	J 48	6.9	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	16	2.2	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	1.4	JS 8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	ND	8.0	2.1	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260

1

B

B\*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	8.0	1.4	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	8.0	3.0	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	8.0	1.1	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	8.0	1.5	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	8.0	2.3	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	8.0	1.7	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	16	7.2	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	8.0	1.3	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.0	1.6	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	16	15	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	8.0	1.7	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	8.0	1.8	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.0	1.2	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	8.0	2.6	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	94			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	91			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	89			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	93			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
1,2-Dichlorobenzene	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
1,3-Dichlorobenzene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
1,4-Dichlorobenzene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	2500	2000	ug/Kg	09/21/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
2,4-Dichlorophenol	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
2,4-Dimethylphenol	ND	2500	900	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrophenol	ND	18000	2500	ug/Kg	09/21/14	DD	SW 8270
2,4-Dinitrotoluene	ND	2500	1400	ug/Kg	09/21/14	DD	SW 8270
2,6-Dinitrotoluene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
2-Chloronaphthalene	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
2-Chlorophenol	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
2-Methylnaphthalene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	2500	1700	ug/Kg	09/21/14	DD	SW 8270
2-Nitroaniline	ND	18000	3600	ug/Kg	09/21/14	DD	SW 8270
2-Nitrophenol	ND	2500	2300	ug/Kg	09/21/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	2500	1400	ug/Kg	09/21/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	7200	1700	ug/Kg	09/21/14	DD	SW 8270
3-Nitroaniline	ND	18000	7900	ug/Kg	09/21/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	18000	3900	ug/Kg	09/21/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
4-Chloroaniline	ND	7200	1700	ug/Kg	09/21/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	18000	1200	ug/Kg	09/21/14	DD	SW 8270
4-Nitrophenol	ND	18000	1600	ug/Kg	09/21/14	DD	SW 8270
Acenaphthene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Acenaphthylene	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Acetophenone	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Aniline	ND	18000	7300	ug/Kg	09/21/14	DD	SW 8270
Anthracene	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benz(a)anthracene	3600	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benzidine	ND	7200	2100	ug/Kg	09/21/14	DD	SW 8270
Benzo(a)pyrene	3400	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benzo(b)fluoranthene	4700	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benzo(ghi)perylene	2000	J 2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benzo(k)fluoranthene	1500	J 2500	1200	ug/Kg	09/21/14	DD	SW 8270
Benzoic acid	ND	18000	7200	ug/Kg	09/21/14	DD	SW 8270
Benzyl butyl phthalate	ND	2500	930	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	2500	970	ug/Kg	09/21/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Carbazole	ND	18000	2700	ug/Kg	09/21/14	DD	SW 8270
Chrysene	3800	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Dibenzofuran	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Diethyl phthalate	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Dimethylphthalate	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Di-n-butylphthalate	ND	2500	960	ug/Kg	09/21/14	DD	SW 8270
Di-n-octylphthalate	ND	2500	930	ug/Kg	09/21/14	DD	SW 8270
Fluoranthene	9000	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Fluorene	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobenzene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Hexachlorobutadiene	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Hexachloroethane	ND	2500	1100	ug/Kg	09/21/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	1800	J 2500	1200	ug/Kg	09/21/14	DD	SW 8270
Isophorone	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Naphthalene	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Nitrobenzene	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodimethylamine	ND	2500	1000	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	2500	1400	ug/Kg	09/21/14	DD	SW 8270
Pentachloronitrobenzene	ND	2500	1300	ug/Kg	09/21/14	DD	SW 8270
Pentachlorophenol	ND	2500	1400	ug/Kg	09/21/14	DD	SW 8270
Phenanthrene	5900	2500	1000	ug/Kg	09/21/14	DD	SW 8270
Phenol	ND	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Pyrene	8000	2500	1200	ug/Kg	09/21/14	DD	SW 8270
Pyridine	ND	2500	890	ug/Kg	09/21/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	Diluted Out			%	09/21/14	DD	19 - 122 %
% 2-Fluorobiphenyl	Diluted Out			%	09/21/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	Diluted Out			%	09/21/14	DD	25 - 121 %
% Nitrobenzene-d5	Diluted Out			%	09/21/14	DD	23 - 120 %
% Phenol-d5	Diluted Out			%	09/21/14	DD	24 - 113 %
% Terphenyl-d14	Diluted Out			%	09/21/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

**Semi-Volatile Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 01, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOLID  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

09/12/14  
 09/18/14

## Time

10:45  
 16:26

## Laboratory Data

SDG ID: GBH15922  
 Phoenix ID: BH15927

Project ID: 771 METROPOLITAN AVE  
 Client ID: SB6 12-14 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	09/22/14	EK	SW6010
Aluminum	8420	36	7.3	mg/Kg	09/22/14	EK	SW6010
Arsenic	< 0.7	0.7	0.73	mg/Kg	09/22/14	EK	SW6010
Barium	28.7	0.7	0.36	mg/Kg	09/22/14	EK	SW6010
Beryllium	0.75	0.29	0.15	mg/Kg	09/22/14	EK	SW6010
Calcium	458	* 3.6	3.4	mg/Kg	09/22/14	EK	SW6010
Cadmium	0.46	* 0.36	0.15	mg/Kg	09/22/14	EK	SW6010
Cobalt	9.81	0.36	0.36	mg/Kg	09/22/14	EK	SW6010
Chromium	28.4	0.36	0.36	mg/Kg	09/22/14	EK	SW6010
Copper	23.1	N 0.36	0.36	mg/kg	09/22/14	EK	SW6010
Iron	57900	* 36	36	mg/Kg	09/22/14	EK	SW6010
Mercury	< 0.08	0.08	0.05	mg/Kg	09/22/14	RS	SW-7471
Potassium	1250	N 73	28	mg/Kg	09/22/14	EK	SW6010
Magnesium	1530	* 3.6	3.6	mg/Kg	09/22/14	EK	SW6010
Manganese	596	N 3.6	3.6	mg/Kg	09/22/14	EK	SW6010
Sodium	60	N 7	3.1	mg/Kg	09/22/14	EK	SW6010
Nickel	13.8	0.36	0.36	mg/Kg	09/22/14	EK	SW6010
Lead	8.9	0.7	0.36	mg/Kg	09/22/14	EK	SW6010
Antimony	< 1.8	1.8	1.8	mg/Kg	09/22/14	EK	SW6010
Selenium	< 1.5	1.5	1.2	mg/Kg	09/22/14	EK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	09/22/14	EK	SW6010
Vanadium	33.9	0.4	0.36	mg/Kg	09/22/14	EK	SW6010
Zinc	37.5	* 0.7	0.36	mg/Kg	09/22/14	EK	SW6010
Percent Solid	88			%	09/19/14	I	E160.3
Soil Extraction for PCB	Completed				09/18/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				09/18/14	BB	SW3545
Soil Extraction for SVOA	Completed				09/18/14	JJ/VH	SW3545
Mercury Digestion	Completed				09/22/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				09/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				09/18/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1260	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	09/20/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	09/20/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	75			%	09/20/14	AW	30 - 150 %
% TCMX	84			%	09/20/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	14	14	ug/Kg	09/23/14	CE	SW8081
4,4' -DDE	ND	14	14	ug/Kg	09/23/14	CE	SW8081
4,4' -DDT	ND	14	14	ug/Kg	09/23/14	CE	SW8081
a-BHC	ND	19	19	ug/Kg	09/23/14	CE	SW8081
a-Chlordane	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Aldrin	ND	9.4	9.4	ug/Kg	09/23/14	CE	SW8081
b-BHC	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Chlordane	ND	190	190	ug/Kg	09/23/14	CE	SW8081
d-BHC	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Dieldrin	ND	9.4	9.4	ug/Kg	09/23/14	CE	SW8081
Endosulfan I	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Endosulfan II	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Endosulfan sulfate	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Endrin	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Endrin aldehyde	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Endrin ketone	ND	9.4	9.4	ug/Kg	09/23/14	CE	SW8081
g-BHC	ND	19	19	ug/Kg	09/23/14	CE	SW8081
g-Chlordane	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Heptachlor	ND	19	19	ug/Kg	09/23/14	CE	SW8081
Heptachlor epoxide	ND	9.4	9.4	ug/Kg	09/23/14	CE	SW8081
Methoxychlor	ND	38	38	ug/Kg	09/23/14	CE	SW8081
Toxaphene	ND	940	940	ug/Kg	09/23/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	72			%	09/23/14	CE	30 - 150 %
% TCMX	90			%	09/23/14	CE	30 - 150 %

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
1,1,1-Trichloroethane	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
1,1,2-Trichloroethane	ND	7.3	0.71	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloroethane	ND	7.3	1.4	ug/Kg	09/22/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	7.3	1.6	ug/Kg	09/22/14	JLI	SW8260
1,1-Dichloropropene	ND	7.3	1.4	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
1,2,3-Trichloropropane	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	7.3	1.9	ug/Kg	09/22/14	JLI	SW8260
1,2-Dibromoethane	ND	7.3	1.9	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichlorobenzene	ND	7.3	0.80	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloroethane	ND	7.3	0.64	ug/Kg	09/22/14	JLI	SW8260
1,2-Dichloropropane	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	7.3	0.96	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichlorobenzene	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
1,3-Dichloropropane	ND	7.3	0.77	ug/Kg	09/22/14	JLI	SW8260
1,4-Dichlorobenzene	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
2,2-Dichloropropane	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
2-Chlorotoluene	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
2-Hexanone	ND	36	3.3	ug/Kg	09/22/14	JLI	SW8260
2-Isopropyltoluene	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
4-Chlorotoluene	ND	7.3	0.84	ug/Kg	09/22/14	JLI	SW8260
4-Methyl-2-pentanone	ND	36	1.7	ug/Kg	09/22/14	JLI	SW8260
Acetone	9.6	JS 50	7.2	ug/Kg	09/22/14	JLI	SW8260
Acrylonitrile	ND	15	4.1	ug/Kg	09/22/14	JLI	SW8260
Benzene	ND	7.3	1.4	ug/Kg	09/22/14	JLI	SW8260
Bromobenzene	ND	7.3	0.95	ug/Kg	09/22/14	JLI	SW8260
Bromochloromethane	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
Bromodichloromethane	ND	7.3	0.90	ug/Kg	09/22/14	JLI	SW8260
Bromoform	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
Bromomethane	ND	7.3	5.6	ug/Kg	09/22/14	JLI	SW8260
Carbon Disulfide	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Carbon tetrachloride	ND	7.3	0.84	ug/Kg	09/22/14	JLI	SW8260
Chlorobenzene	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
Chloroethane	ND	7.3	1.7	ug/Kg	09/22/14	JLI	SW8260
Chloroform	ND	7.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Chloromethane	ND	7.3	3.8	ug/Kg	09/22/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	7.3	1.6	ug/Kg	09/22/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	7.3	0.79	ug/Kg	09/22/14	JLI	SW8260
Dibromochloromethane	ND	7.3	0.81	ug/Kg	09/22/14	JLI	SW8260
Dibromomethane	ND	7.3	0.92	ug/Kg	09/22/14	JLI	SW8260
Dichlorodifluoromethane	ND	7.3	1.9	ug/Kg	09/22/14	JLI	SW8260
Ethylbenzene	ND	7.3	1.3	ug/Kg	09/22/14	JLI	SW8260
Hexachlorobutadiene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Isopropylbenzene	ND	7.3	1.4	ug/Kg	09/22/14	JLI	SW8260
m&p-Xylene	ND	7.3	2.9	ug/Kg	09/22/14	JLI	SW8260
Methyl Ethyl Ketone	ND	44	6.3	ug/Kg	09/22/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	15	2.0	ug/Kg	09/22/14	JLI	SW8260
Methylene chloride	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Naphthalene	ND	7.3	1.9	ug/Kg	09/22/14	JLI	SW8260
n-Butylbenzene	ND	7.3	1.3	ug/Kg	09/22/14	JLI	SW8260

1

B\*

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	7.3	1.3	ug/Kg	09/22/14	JLI	SW8260
o-Xylene	ND	7.3	2.8	ug/Kg	09/22/14	JLI	SW8260
p-Isopropyltoluene	ND	7.3	1.0	ug/Kg	09/22/14	JLI	SW8260
sec-Butylbenzene	ND	7.3	1.4	ug/Kg	09/22/14	JLI	SW8260
Styrene	ND	7.3	2.1	ug/Kg	09/22/14	JLI	SW8260
tert-Butylbenzene	ND	7.3	1.2	ug/Kg	09/22/14	JLI	SW8260
Tetrachloroethene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	15	6.5	ug/Kg	09/22/14	JLI	SW8260
Toluene	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	15	13	ug/Kg	09/22/14	JLI	SW8260
Trichloroethene	ND	7.3	1.5	ug/Kg	09/22/14	JLI	SW8260
Trichlorofluoromethane	ND	7.3	1.6	ug/Kg	09/22/14	JLI	SW8260
Trichlorotrifluoroethane	ND	7.3	1.1	ug/Kg	09/22/14	JLI	SW8260
Vinyl chloride	ND	7.3	2.4	ug/Kg	09/22/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	95			%	09/22/14	JLI	70 - 121 %
% Bromofluorobenzene	96			%	09/22/14	JLI	59 - 113 %
% Dibromofluoromethane	101			%	09/22/14	JLI	70 - 130 %
% Toluene-d8	95			%	09/22/14	JLI	84 - 138 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	09/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	260	93	ug/Kg	09/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	1900	260	ug/Kg	09/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	09/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	09/19/14	DD	SW 8270
2-Nitroaniline	ND	1900	380	ug/Kg	09/19/14	DD	SW 8270
2-Nitrophenol	ND	260	240	ug/Kg	09/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	09/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	09/19/14	DD	SW 8270
3-Nitroaniline	ND	1900	810	ug/Kg	09/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	09/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
4-Chloroaniline	ND	750	170	ug/Kg	09/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	09/19/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	09/19/14	DD	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	09/19/14	DD	SW 8270
Acenaphthene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Acetophenone	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Aniline	ND	1900	760	ug/Kg	09/19/14	DD	SW 8270
Anthracene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Benz(a)anthracene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
Benzidine	ND	750	220	ug/Kg	09/19/14	DD	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Benzo(k)fluoranthene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Benzoic acid	ND	1900	750	ug/Kg	09/19/14	DD	SW 8270
Benzyl butyl phthalate	ND	260	97	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Carbazole	ND	1900	280	ug/Kg	09/19/14	DD	SW 8270
Chrysene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Dimethylphthalate	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Di-n-butylphthalate	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Di-n-octylphthalate	ND	260	97	ug/Kg	09/19/14	DD	SW 8270
Fluoranthene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Fluorene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Hexachlorobutadiene	ND	260	140	ug/Kg	09/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Isophorone	ND	260	100	ug/Kg	09/19/14	DD	SW 8270
Naphthalene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	09/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	09/19/14	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	09/19/14	DD	SW 8270
Phenanthrene	ND	260	110	ug/Kg	09/19/14	DD	SW 8270
Phenol	ND	260	120	ug/Kg	09/19/14	DD	SW 8270
Pyrene	ND	260	130	ug/Kg	09/19/14	DD	SW 8270
Pyridine	ND	260	92	ug/Kg	09/19/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	74			%	09/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	81			%	09/19/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	67			%	09/19/14	DD	25 - 121 %
% Nitrobenzene-d5	75			%	09/19/14	DD	23 - 120 %
% Phenol-d5	77			%	09/19/14	DD	24 - 113 %
% Terphenyl-d14	110			%	09/19/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B\* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

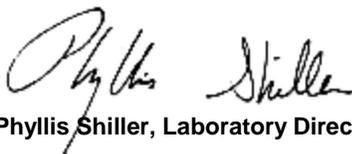
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 01, 2014**

**Reviewed and Released by: Phyllis Shiller, Laboratory Director**

# Sample Criteria Exceedences Report

## GBH15922 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BH15922	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	80	83	50	50	50	ug/Kg
BH15922	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	15.1	0.8	13	13	13	mg/Kg
BH15922	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	200	3.8	50	50	50	mg/kg
BH15922	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.00	0.06	0.81	0.81	0.81	mg/Kg
BH15922	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.00	0.06	0.81	0.81	0.81	mg/Kg
BH15922	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.00	0.06	0.18	0.18	0.18	mg/Kg
BH15922	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	491	7.6	400	400	400	mg/Kg
BH15922	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	491	7.6	400	400	400	mg/Kg
BH15922	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	491	7.6	63	63	63	mg/Kg
BH15922	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	404	7.6	109	109	109	mg/Kg
BH15924	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	12000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	13000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	10000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	5600	2600	500	500	500	ug/Kg
BH15924	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4400	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	2600	2400	2400	2400	ug/Kg
BH15924	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	330	330	330	ug/Kg
BH15924	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	11000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	5600	2600	500	500	500	ug/Kg
BH15924	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	330	330	330	ug/Kg
BH15924	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	12000	2600	3900	3900	3900	ug/Kg
BH15924	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	10000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4400	2600	3900	3900	3900	ug/Kg
BH15924	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	11000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	13000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	12000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	10000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	13000	2600	1000	1000	1000	ug/Kg
BH15924	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	330	ug/Kg
BH15924	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5600	2600	500	500	500	ug/Kg
BH15924	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	330	ug/Kg
BH15924	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	800	800	800	ug/Kg
BH15924	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	330	ug/Kg
BH15924	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4400	2600	800	800	800	ug/Kg
BH15924	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	11000	2600	1000	1000	1000	ug/Kg
BH15924	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	18	14	14	14	ug/Kg
BH15924	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg
BH15924	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.2	5	5	5	ug/Kg
BH15924	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg
BH15924	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.2	5	5	5	ug/Kg
BH15924	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg

# Sample Criteria Exceedences Report

## GBH15922 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	Analysis Units
BH15924	AG-SM	Silver	NY / 375-6.8 Metals / Unrestricted Use Soil	23.3	0.34	2	2	mg/Kg
BH15924	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	25.1	0.7	16	16	mg/Kg
BH15924	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	25.1	0.7	16	16	mg/Kg
BH15924	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	25.1	0.7	13	13	mg/Kg
BH15924	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	528	0.7	350	350	mg/Kg
BH15924	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	528	0.7	400	400	mg/Kg
BH15924	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	528	0.7	350	350	mg/Kg
BH15924	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	6.02	0.34	2.5	2.5	mg/Kg
BH15924	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential Restricted	6.02	0.34	4.3	4.3	mg/Kg
BH15924	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	6.02	0.34	2.5	2.5	mg/Kg
BH15924	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	55.5	0.34	30		mg/Kg
BH15924	CU-SM	Copper	NY / 375-6.8 Metals / Residential	593	3.4	270	270	mg/kg
BH15924	CU-SM	Copper	NY / 375-6.8 Metals / Residential Restricted	593	3.4	270	270	mg/kg
BH15924	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	593	3.4	50	50	mg/kg
BH15924	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	41.3	3.9	0.81	0.81	mg/Kg
BH15924	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	41.3	3.9	0.81	0.81	mg/Kg
BH15924	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	41.3	3.9	0.18	0.18	mg/Kg
BH15924	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	77.7	0.34	30	30	mg/Kg
BH15924	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	18100	690	400	400	mg/Kg
BH15924	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	18100	690	400	400	mg/Kg
BH15924	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	18100	690	63	63	mg/Kg
BH15924	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Residential	2490	69	2200	2200	mg/Kg
BH15924	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	2490	69	109	109	mg/Kg
BH15925	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	202	6.9	63	63	mg/Kg
BH15926	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	85	80	50	50	ug/Kg
BH15926	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1500	2500	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	3600	2500	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1800	2500	500	500	ug/Kg
BH15926	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2500	330	330	ug/Kg
BH15926	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	3400	2500	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	2500	2400	2400	ug/Kg
BH15926	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4700	2500	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	3800	2500	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2500	330	330	ug/Kg
BH15926	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1800	2500	500	500	ug/Kg
BH15926	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	3600	2500	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4700	2500	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	3400	2500	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	330	330	ug/Kg
BH15926	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	330	330	ug/Kg

## Sample Criteria Exceedences Report

### GBH15922 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BH15926	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	800	800	800	ug/Kg
BH15926	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4700	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	330	330	330	ug/Kg
BH15926	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3600	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3400	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3800	2500	1000	1000	1000	ug/Kg
BH15926	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	2500	800	800	800	ug/Kg
BH15926	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	2500	500	500	500	ug/Kg
BH15926	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg
BH15926	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	18	14	14	14	ug/Kg
BH15926	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.1	5	5	5	ug/Kg
BH15926	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg
BH15926	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.1	5	5	5	ug/Kg
BH15926	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	13	3.3	3.3	3.3	ug/Kg
BH15926	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	153	3.3	50	50	50	mg/kg
BH15926	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.05	0.09	0.81	0.81	0.81	mg/Kg
BH15926	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.05	0.09	0.81	0.81	0.81	mg/Kg
BH15926	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.05	0.09	0.18	0.18	0.18	mg/Kg
BH15926	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	663	6.5	400	400	400	mg/Kg
BH15926	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	663	6.5	400	400	400	mg/Kg
BH15926	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	663	6.5	63	63	63	mg/Kg
BH15926	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	445	6.5	109	109	109	mg/Kg
BH15927	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	19	14	14	14	ug/Kg
BH15927	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	14	3.3	3.3	3.3	ug/Kg
BH15927	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	14	3.3	3.3	3.3	ug/Kg
BH15927	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	14	3.3	3.3	3.3	ug/Kg
BH15927	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.4	5	5	5	ug/Kg
BH15927	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.4	5	5	5	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

October 01, 2014

SDG I.D.: GBH15922

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes  No   
 Coolant: IPK  ICE   
 Temp 1° C Pg of

Contact Options:  
 Fax:   
 Phone: (631) 504-6000  
 Email: Csosik@ebcincny.com

**NY/NJ CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Customer: Environmental Business Consultants  
 Address: 1808 Middle Country Road  
 Ridge, New York 11961

Project: 77 Metro politan Ave, Brooklyn NY  
 Report to: Environmental Business Consultants  
 Invoice to: Environmental Business Consultants

Project P.O.:

This section **MUST** be completed with **Bottle Quantities.**

Sampler's Signature: Richard Lutz Date: 9/18/14  
 Matrix Code:  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
15922	B4 0-2-	S	9-15-14	9:00	VOCS 8260 Pesticides/CAS TAL Metals
15923	B4 8-10-			9:15	
15924	B5 0-2-			9:45	
15925	B5 8-10-			10:00	
15926	B6 0-2-			10:30	
15927	B6 12-14-			10:45	

Relinquished by: [Signature] Date: 9-18-14 Time: 13:00  
 Accepted by: [Signature] Date: 9-18-14 Time: 10:20

Comments, Special Requirements or Regulations:

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 5 Days  
 10 Days  
 Other  
 \*SURCHARGE APPLIES

State where samples were collected: NY

Res. Criteria   
 Non-Res. Criteria   
 Impact to GW Soil Cleanup Criteria   
 GW Criteria

NY TAGM 4046 GW   
 TAGM 4046 SOIL   
 NY375 Unrestricted Use Soil   
 NY375 Residential   
 Restricted/Residential   
 Commercial   
 Industrial

Data Format:  
 Phoenix Std Report   
 Excel   
 PDF   
 GIS/Key   
 EQUS   
 NJ Hazsite EDD   
 NY EZ EDD (ASP)   
 Other

Data Package:  
 NJ Reduced Deliv. \*   
 NY Enhanced (ASP B) \*   
 Other



Monday, October 20, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
Sample ID#s: BH26606 - BH26612

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

October 20, 2014

SDG I.D.: GBH26606

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Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26606

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B5 0-2 FT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Lead	3980	78	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	5.01	0.10	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed			10/14/14	I/I	SW3005
Percent Solid	89		%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed			10/13/14	I	EPA 1311
Total Metals Digest	Completed			10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
 This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26607

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B5 2-4 FT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Lead	1770	70	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.73	0.10	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed			10/14/14	I/I	SW3005
Percent Solid	91		%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed			10/13/14	I	EPA 1311
Total Metals Digest	Completed			10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
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**Phyllis Shiller, Laboratory Director**  
**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26608

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B5 4-6 FT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Lead	145	6.9	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	< 0.10	0.10	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed			10/14/14	I/I	SW3005
Percent Solid	90		%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed			10/13/14	I	EPA 1311
Total Metals Digest	Completed			10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
 This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/10/14  
 10/13/14

## Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26609

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B5 8-10 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36		mg/Kg	10/15/14	EK	SW6010
Aluminum	13100	36		mg/Kg	10/15/14	EK	SW6010
Arsenic	1.8	0.7		mg/Kg	10/15/14	EK	SW6010
Barium	49.3	0.7		mg/Kg	10/15/14	LK	SW6010
Beryllium	0.40	0.28		mg/Kg	10/15/14	EK	SW6010
Calcium	1410	3.6		mg/Kg	10/15/14	EK	SW6010
Cadmium	< 0.36	0.36		mg/Kg	10/15/14	EK	SW6010
Cobalt	8.40	0.36		mg/Kg	10/15/14	EK	SW6010
Chromium	24.7	0.36		mg/Kg	10/15/14	EK	SW6010
Copper	15.8	0.36		mg/kg	10/15/14	EK	SW6010
Iron	20900	36		mg/Kg	10/15/14	EK	SW6010
Mercury	< 0.08	0.08		mg/Kg	10/14/14	RS	SW-7471
Potassium	1630	7		mg/Kg	10/15/14	EK	SW6010
Magnesium	2830	3.6		mg/Kg	10/15/14	EK	SW6010
Manganese	519	3.6		mg/Kg	10/15/14	LK	SW6010
Sodium	208	7		mg/Kg	10/15/14	EK	SW6010
Nickel	11.8	0.36		mg/Kg	10/15/14	EK	SW6010
Lead	7.4	0.7		mg/Kg	10/15/14	EK	SW6010
Antimony	< 2.5	2.5		mg/Kg	10/15/14	EK	SW6010
Selenium	< 1.4	1.4		mg/Kg	10/15/14	EK	SW6010
Thallium	< 1.4	1.4		mg/Kg	10/15/14	EK	SW6010
Vanadium	35.5	0.4		mg/Kg	10/15/14	EK	SW6010
Zinc	37.2	0.7		mg/Kg	10/15/14	EK	SW6010
Percent Solid	89			%	10/13/14	I	E160.3
Soil Extraction for PCB	Completed				10/13/14	CB	SW3545
Soil Extraction for Pesticide	Completed				10/13/14	CB/H	SW3545
Soil Extraction for SVOA	Completed				10/13/14	CJ/VH	SW3545
Mercury Digestion	Completed				10/14/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050
Field Extraction	Completed				10/10/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	10/14/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	93			%	10/14/14	AW	30 - 150 %
% TCMX	89			%	10/14/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.2	2.2	ug/Kg	10/14/14	CE	SW8081
4,4' -DDE	ND	2.2	2.2	ug/Kg	10/14/14	CE	SW8081
4,4' -DDT	ND	2.2	2.2	ug/Kg	10/14/14	CE	SW8081
a-BHC	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	10/14/14	CE	SW8081
Aldrin	ND	3.7	3.7	ug/Kg	10/14/14	CE	SW8081
b-BHC	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Chlordane	ND	37	37	ug/Kg	10/14/14	CE	SW8081
d-BHC	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Dieldrin	ND	3.7	3.7	ug/Kg	10/14/14	CE	SW8081
Endosulfan I	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Endosulfan II	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Endrin	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Endrin aldehyde	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Endrin ketone	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
g-BHC	ND	1.5	1.5	ug/Kg	10/14/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	10/14/14	CE	SW8081
Heptachlor	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	10/14/14	CE	SW8081
Methoxychlor	ND	37	37	ug/Kg	10/14/14	CE	SW8081
Toxaphene	ND	150	150	ug/Kg	10/14/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	104			%	10/14/14	CE	SW8081
% TCMX	100			%	10/14/14	CE	SW8081
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	6.5	1.1	ug/Kg	10/14/14	JLI	SW8260
1,1,1-Trichloroethane	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	6.5	0.92	ug/Kg	10/14/14	JLI	SW8260
1,1,2-Trichloroethane	ND	6.5	0.63	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloroethane	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloropropene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichloropropane	ND	6.5	0.92	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	6.5	0.93	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	6.5	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromoethane	ND	6.5	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichlorobenzene	ND	6.5	0.71	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloroethane	ND	6.5	0.57	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloropropane	ND	6.5	0.92	ug/Kg	10/14/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	6.5	0.85	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichlorobenzene	ND	6.5	0.96	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichloropropane	ND	6.5	0.68	ug/Kg	10/14/14	JLI	SW8260
1,4-Dichlorobenzene	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
2,2-Dichloropropane	ND	6.5	1.1	ug/Kg	10/14/14	JLI	SW8260
2-Chlorotoluene	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
2-Hexanone	ND	32	2.9	ug/Kg	10/14/14	JLI	SW8260
2-Isopropyltoluene	ND	6.5	0.89	ug/Kg	10/14/14	JLI	SW8260
4-Chlorotoluene	ND	6.5	0.75	ug/Kg	10/14/14	JLI	SW8260
4-Methyl-2-pentanone	ND	32	1.5	ug/Kg	10/14/14	JLI	SW8260
Acetone	ND	50	6.4	ug/Kg	10/14/14	JLI	SW8260
Acrylonitrile	ND	13	3.6	ug/Kg	10/14/14	JLI	SW8260
Benzene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
Bromobenzene	ND	6.5	0.84	ug/Kg	10/14/14	JLI	SW8260
Bromochloromethane	ND	6.5	0.94	ug/Kg	10/14/14	JLI	SW8260
Bromodichloromethane	ND	6.5	0.80	ug/Kg	10/14/14	JLI	SW8260
Bromoform	ND	6.5	0.90	ug/Kg	10/14/14	JLI	SW8260
Bromomethane	ND	6.5	5.0	ug/Kg	10/14/14	JLI	SW8260
Carbon Disulfide	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
Carbon tetrachloride	ND	6.5	0.75	ug/Kg	10/14/14	JLI	SW8260
Chlorobenzene	ND	6.5	0.96	ug/Kg	10/14/14	JLI	SW8260
Chloroethane	ND	6.5	1.5	ug/Kg	10/14/14	JLI	SW8260
Chloroform	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260
Chloromethane	ND	6.5	3.4	ug/Kg	10/14/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	6.5	0.70	ug/Kg	10/14/14	JLI	SW8260
Dibromochloromethane	ND	5.0	0.72	ug/Kg	10/14/14	JLI	SW8260
Dibromomethane	ND	6.5	0.81	ug/Kg	10/14/14	JLI	SW8260
Dichlorodifluoromethane	ND	6.5	1.7	ug/Kg	10/14/14	JLI	SW8260
Ethylbenzene	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260
Hexachlorobutadiene	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
Isopropylbenzene	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260
m&p-Xylene	ND	6.5	2.5	ug/Kg	10/14/14	JLI	SW8260
Methyl Ethyl Ketone	ND	39	5.6	ug/Kg	10/14/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	13	1.8	ug/Kg	10/14/14	JLI	SW8260
Methylene chloride	ND	6.5	1.1	ug/Kg	10/14/14	JLI	SW8260
Naphthalene	ND	6.5	1.7	ug/Kg	10/14/14	JLI	SW8260
n-Butylbenzene	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260
o-Xylene	ND	6.5	2.5	ug/Kg	10/14/14	JLI	SW8260
p-Isopropyltoluene	ND	6.5	0.93	ug/Kg	10/14/14	JLI	SW8260
sec-Butylbenzene	ND	6.5	1.2	ug/Kg	10/14/14	JLI	SW8260
Styrene	ND	6.5	1.9	ug/Kg	10/14/14	JLI	SW8260
tert-Butylbenzene	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
Tetrachloroethene	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	13	5.8	ug/Kg	10/14/14	JLI	SW8260
Toluene	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	6.5	1.3	ug/Kg	10/14/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	13	12	ug/Kg	10/14/14	JLI	SW8260
Trichloroethene	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
Trichlorofluoromethane	ND	6.5	1.4	ug/Kg	10/14/14	JLI	SW8260
Trichlorotrifluoroethane	ND	6.5	1.0	ug/Kg	10/14/14	JLI	SW8260
Vinyl chloride	ND	6.5	2.1	ug/Kg	10/14/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	98			%	10/14/14	JLI	70 - 130 %
% Bromofluorobenzene	96			%	10/14/14	JLI	70 - 130 %
% Dibromofluoromethane	101			%	10/14/14	JLI	70 - 130 %
% Toluene-d8	94			%	10/14/14	JLI	70 - 130 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
1,2-Dichlorobenzene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	10/14/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
2,4-Dimethylphenol	ND	260	93	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrophenol	ND	1600	260	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	10/14/14	DD	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
2-Chloronaphthalene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
2-Chlorophenol	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	10/14/14	DD	SW 8270
2-Nitroaniline	ND	1600	380	ug/Kg	10/14/14	DD	SW 8270
2-Nitrophenol	ND	260	240	ug/Kg	10/14/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	10/14/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	10/14/14	DD	SW 8270
3-Nitroaniline	ND	1600	810	ug/Kg	10/14/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	10/14/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
4-Chloroaniline	ND	330	170	ug/Kg	10/14/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	10/14/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	10/14/14	DD	SW 8270
4-Nitrophenol	ND	1600	170	ug/Kg	10/14/14	DD	SW 8270
Acenaphthene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Acetophenone	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Aniline	ND	1900	760	ug/Kg	10/14/14	DD	SW 8270
Anthracene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Benz(a)anthracene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
Benzidine	ND	750	220	ug/Kg	10/14/14	DD	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Benzo(k)fluoranthene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Benzoic acid	ND	1900	750	ug/Kg	10/14/14	DD	SW 8270
Benzyl butyl phthalate	ND	260	97	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Carbazole	ND	1900	280	ug/Kg	10/14/14	DD	SW 8270
Chrysene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Dimethylphthalate	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Di-n-butylphthalate	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Di-n-octylphthalate	ND	260	97	ug/Kg	10/14/14	DD	SW 8270
Fluoranthene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Fluorene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobutadiene	ND	260	140	ug/Kg	10/14/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Isophorone	ND	260	100	ug/Kg	10/14/14	DD	SW 8270
Naphthalene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodimethylamine	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	10/14/14	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	10/14/14	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	10/14/14	DD	SW 8270
Phenanthrene	ND	260	110	ug/Kg	10/14/14	DD	SW 8270
Phenol	ND	260	120	ug/Kg	10/14/14	DD	SW 8270
Pyrene	ND	260	130	ug/Kg	10/14/14	DD	SW 8270
Pyridine	ND	260	92	ug/Kg	10/14/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	85			%	10/14/14	DD	30 - 130 %
% 2-Fluorobiphenyl	73			%	10/14/14	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	55			%	10/14/14	DD	30 - 130 %
% Nitrobenzene-d5	56			%	10/14/14	DD	30 - 130 %
% Phenol-d5	58			%	10/14/14	DD	30 - 130 %
% Terphenyl-d14	99			%	10/14/14	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

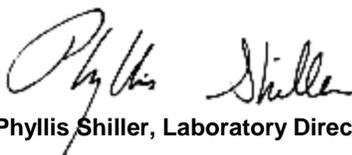
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/10/14  
 10/13/14

## Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26610

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B7 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37		mg/Kg	10/15/14	EK	SW6010
Aluminum	7460	37		mg/Kg	10/15/14	EK	SW6010
Arsenic	9.7	0.7		mg/Kg	10/15/14	EK	SW6010
Barium	134	0.7		mg/Kg	10/15/14	LK	SW6010
Beryllium	0.32	0.29		mg/Kg	10/15/14	EK	SW6010
Calcium	12900	37		mg/Kg	10/15/14	EK	SW6010
Cadmium	1.45	0.37		mg/Kg	10/15/14	EK	SW6010
Cobalt	6.02	0.37		mg/Kg	10/15/14	EK	SW6010
Chromium	18.8	0.37		mg/Kg	10/15/14	EK	SW6010
Copper	77.4	0.37		mg/kg	10/15/14	EK	SW6010
Iron	28500	37		mg/Kg	10/15/14	EK	SW6010
Mercury	2.16	0.09		mg/Kg	10/14/14	RS	SW-7471
Potassium	1090	7		mg/Kg	10/15/14	EK	SW6010
Magnesium	2260	3.7		mg/Kg	10/15/14	EK	SW6010
Manganese	265	3.7		mg/Kg	10/15/14	LK	SW6010
Sodium	364	7		mg/Kg	10/15/14	EK	SW6010
Nickel	16.0	0.37		mg/Kg	10/15/14	EK	SW6010
Lead	358	7.4		mg/Kg	10/15/14	EK	SW6010
Antimony	< 2.5	2.5		mg/Kg	10/15/14	EK	SW6010
Selenium	< 1.5	1.5		mg/Kg	10/15/14	LK	SW6010
Thallium	< 1.5	1.5		mg/Kg	10/15/14	EK	SW6010
Vanadium	21.9	0.4		mg/Kg	10/15/14	EK	SW6010
Zinc	556	7.4		mg/Kg	10/15/14	EK	SW6010
Percent Solid	86			%	10/13/14	I	E160.3
Soil Extraction for PCB	Completed				10/15/14	BB/H	SW3545
Soil Extraction for Pesticide	Completed				10/15/14	BB	SW3545
Soil Extraction for SVOA	Completed				10/13/14	CJ/VH	SW3545
Mercury Digestion	Completed				10/14/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050
Field Extraction	Completed				10/10/14		SW5035
<b><u>Polychlorinated Biphenyls</u></b>							
PCB-1016	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1260	110	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	10/16/14	AW	SW 8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	77			%	10/16/14	AW	30 - 150 %
% TCMX	70			%	10/16/14	AW	30 - 150 %
<b><u>Pesticides - Soil</u></b>							
4,4' -DDD	ND	2.3	2.3	ug/Kg	10/15/14	CE	SW8081
4,4' -DDE	ND	2.3	2.3	ug/Kg	10/15/14	CE	SW8081
4,4' -DDT	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
a-BHC	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
a-Chlordane	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Aldrin	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
b-BHC	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Chlordane	ND	39	39	ug/Kg	10/15/14	CE	SW8081
d-BHC	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Dieldrin	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Endosulfan I	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Endosulfan II	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Endosulfan sulfate	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Endrin	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Endrin aldehyde	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Endrin ketone	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
g-BHC	ND	1.5	1.5	ug/Kg	10/15/14	CE	SW8081
g-Chlordane	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Heptachlor	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Heptachlor epoxide	ND	7.7	7.7	ug/Kg	10/15/14	CE	SW8081
Methoxychlor	ND	39	39	ug/Kg	10/15/14	CE	SW8081
Toxaphene	ND	150	150	ug/Kg	10/15/14	CE	SW8081
<b><u>QA/QC Surrogates</u></b>							
% DCBP	117			%	10/15/14	CE	SW8081
% TCMX	106			%	10/15/14	CE	SW8081
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
1,1,1-Trichloroethane	ND	9.8	2.0	ug/Kg	10/14/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
1,1,2-Trichloroethane	ND	9.8	0.96	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloroethane	ND	9.8	1.9	ug/Kg	10/14/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	9.8	2.1	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloropropene	ND	9.8	1.9	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	9.8	2.0	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichloropropane	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	9.8	2.0	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	9.8	2.6	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromoethane	ND	9.8	2.6	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichlorobenzene	ND	9.8	1.1	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloroethane	ND	9.8	0.86	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloropropane	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	9.8	1.3	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichlorobenzene	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichloropropane	ND	9.8	1.0	ug/Kg	10/14/14	JLI	SW8260
1,4-Dichlorobenzene	ND	9.8	1.5	ug/Kg	10/14/14	JLI	SW8260
2,2-Dichloropropane	ND	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
2-Chlorotoluene	ND	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
2-Hexanone	ND	49	4.4	ug/Kg	10/14/14	JLI	SW8260
2-Isopropyltoluene	ND	9.8	1.3	ug/Kg	10/14/14	JLI	SW8260
4-Chlorotoluene	ND	9.8	1.1	ug/Kg	10/14/14	JLI	SW8260
4-Methyl-2-pentanone	ND	49	2.3	ug/Kg	10/14/14	JLI	SW8260
Acetone	110	S 98	9.7	ug/Kg	10/14/14	JLI	SW8260
Acrylonitrile	ND	20	5.5	ug/Kg	10/14/14	JLI	SW8260
Benzene	ND	9.8	1.9	ug/Kg	10/14/14	JLI	SW8260
Bromobenzene	ND	9.8	1.3	ug/Kg	10/14/14	JLI	SW8260
Bromochloromethane	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
Bromodichloromethane	ND	9.8	1.2	ug/Kg	10/14/14	JLI	SW8260
Bromoform	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
Bromomethane	ND	9.8	7.5	ug/Kg	10/14/14	JLI	SW8260
Carbon Disulfide	10	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
Carbon tetrachloride	ND	9.8	1.1	ug/Kg	10/14/14	JLI	SW8260
Chlorobenzene	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
Chloroethane	ND	9.8	2.3	ug/Kg	10/14/14	JLI	SW8260
Chloroform	ND	9.8	1.8	ug/Kg	10/14/14	JLI	SW8260
Chloromethane	ND	9.8	5.1	ug/Kg	10/14/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	9.8	2.1	ug/Kg	10/14/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	9.8	1.1	ug/Kg	10/14/14	JLI	SW8260
Dibromochloromethane	ND	9.8	1.1	ug/Kg	10/14/14	JLI	SW8260
Dibromomethane	ND	9.8	1.2	ug/Kg	10/14/14	JLI	SW8260
Dichlorodifluoromethane	ND	9.8	2.6	ug/Kg	10/14/14	JLI	SW8260
Ethylbenzene	ND	9.8	1.8	ug/Kg	10/14/14	JLI	SW8260
Hexachlorobutadiene	ND	9.8	2.1	ug/Kg	10/14/14	JLI	SW8260
Isopropylbenzene	ND	9.8	1.9	ug/Kg	10/14/14	JLI	SW8260
m&p-Xylene	ND	9.8	3.8	ug/Kg	10/14/14	JLI	SW8260
Methyl Ethyl Ketone	20	J 59	8.5	ug/Kg	10/14/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	20	2.7	ug/Kg	10/14/14	JLI	SW8260
Methylene chloride	ND	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
Naphthalene	79	J 280	75	ug/Kg	10/14/14	JLI	SW8260
n-Butylbenzene	ND	9.8	1.8	ug/Kg	10/14/14	JLI	SW8260

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	9.8	1.8	ug/Kg	10/14/14	JLI	SW8260
o-Xylene	ND	9.8	3.7	ug/Kg	10/14/14	JLI	SW8260
p-Isopropyltoluene	ND	9.8	1.4	ug/Kg	10/14/14	JLI	SW8260
sec-Butylbenzene	ND	9.8	1.8	ug/Kg	10/14/14	JLI	SW8260
Styrene	ND	9.8	2.8	ug/Kg	10/14/14	JLI	SW8260
tert-Butylbenzene	ND	9.8	1.6	ug/Kg	10/14/14	JLI	SW8260
Tetrachloroethene	ND	9.8	2.1	ug/Kg	10/14/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	20	8.8	ug/Kg	10/14/14	JLI	SW8260
Toluene	69	J 280	44	ug/Kg	10/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	9.8	2.0	ug/Kg	10/14/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	9.8	2.0	ug/Kg	10/14/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	20	18	ug/Kg	10/14/14	JLI	SW8260
Trichloroethene	ND	9.8	2.1	ug/Kg	10/14/14	JLI	SW8260
Trichlorofluoromethane	ND	9.8	2.2	ug/Kg	10/14/14	JLI	SW8260
Trichlorotrifluoroethane	ND	9.8	1.5	ug/Kg	10/14/14	JLI	SW8260
Vinyl chloride	ND	9.8	3.2	ug/Kg	10/14/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	99			%	10/14/14	JLI	70 - 130 %
% Bromofluorobenzene	93			%	10/14/14	JLI	70 - 130 %
% Dibromofluoromethane	85			%	10/14/14	JLI	70 - 130 %
% Toluene-d8	93			%	10/14/14	JLI	70 - 130 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
1,2-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
1,3-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
1,4-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	10/14/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
2,4-Dichlorophenol	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
2,4-Dimethylphenol	ND	270	95	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrophenol	ND	1900	270	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrotoluene	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
2,6-Dinitrotoluene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
2-Chloronaphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Chlorophenol	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylnaphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	10/14/14	DD	SW 8270
2-Nitroaniline	ND	1900	390	ug/Kg	10/14/14	DD	SW 8270
2-Nitrophenol	ND	270	240	ug/Kg	10/14/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	770	180	ug/Kg	10/14/14	DD	SW 8270
3-Nitroaniline	ND	1900	840	ug/Kg	10/14/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	10/14/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
4-Chloroaniline	ND	770	180	ug/Kg	10/14/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	10/14/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	10/14/14	DD	SW 8270
4-Nitrophenol	ND	1900	170	ug/Kg	10/14/14	DD	SW 8270
Acenaphthene	140	J 270	120	ug/Kg	10/14/14	DD	SW 8270
Acenaphthylene	200	J 270	110	ug/Kg	10/14/14	DD	SW 8270
Acetophenone	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Aniline	ND	1900	780	ug/Kg	10/14/14	DD	SW 8270
Anthracene	430	270	130	ug/Kg	10/14/14	DD	SW 8270
Benz(a)anthracene	1900	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzidine	ND	770	230	ug/Kg	10/14/14	DD	SW 8270
Benzo(a)pyrene	1600	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzo(b)fluoranthene	2100	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzo(ghi)perylene	860	270	120	ug/Kg	10/14/14	DD	SW 8270
Benzo(k)fluoranthene	690	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzoic acid	ND	1900	770	ug/Kg	10/14/14	DD	SW 8270
Benzyl butyl phthalate	ND	270	99	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	150	J 270	110	ug/Kg	10/14/14	DD	SW 8270
Carbazole	450	J 1900	290	ug/Kg	10/14/14	DD	SW 8270
Chrysene	1900	270	130	ug/Kg	10/14/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Dibenzofuran	150	J 270	110	ug/Kg	10/14/14	DD	SW 8270
Diethyl phthalate	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Dimethylphthalate	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Di-n-butylphthalate	ND	270	100	ug/Kg	10/14/14	DD	SW 8270
Di-n-octylphthalate	ND	270	99	ug/Kg	10/14/14	DD	SW 8270
Fluoranthene	3500	270	120	ug/Kg	10/14/14	DD	SW 8270
Fluorene	180	J 270	130	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobutadiene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Hexachloroethane	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	730	270	130	ug/Kg	10/14/14	DD	SW 8270
Isophorone	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Naphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Nitrobenzene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodimethylamine	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
Pentachloronitrobenzene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
Pentachlorophenol	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
Phenanthrene	2200	270	110	ug/Kg	10/14/14	DD	SW 8270
Phenol	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Pyrene	3200	270	130	ug/Kg	10/14/14	DD	SW 8270
Pyridine	ND	270	94	ug/Kg	10/14/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	72			%	10/14/14	DD	30 - 130 %
% 2-Fluorobiphenyl	94			%	10/14/14	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	74			%	10/14/14	DD	30 - 130 %
% Nitrobenzene-d5	80			%	10/14/14	DD	30 - 130 %
% Phenol-d5	79			%	10/14/14	DD	30 - 130 %
% Terphenyl-d14	98			%	10/14/14	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

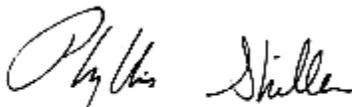
**Pesticide Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/10/14  
 10/13/14

## Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26611

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B7 8-10 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	100			%	10/13/14	I	E160.3
Field Extraction	Completed				10/10/14		SW5035

## Volatiles

1,1,1,2-Tetrachloroethane	ND	8.3	1.4	ug/Kg	10/14/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.3	0.81	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloroethane	ND	8.3	1.6	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloroethene	ND	8.3	1.8	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloropropene	ND	8.3	1.6	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichloropropane	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	8.3	2.2	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromoethane	ND	8.3	2.2	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichlorobenzene	ND	8.3	0.91	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloroethane	ND	8.3	0.73	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloropropane	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	8.3	1.1	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichlorobenzene	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichloropropane	ND	8.3	0.88	ug/Kg	10/14/14	JLI	SW8260
1,4-Dichlorobenzene	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
2,2-Dichloropropane	ND	8.3	1.4	ug/Kg	10/14/14	JLI	SW8260
2-Chlorotoluene	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
2-Hexanone	ND	42	3.7	ug/Kg	10/14/14	JLI	SW8260
2-Isopropyltoluene	ND	8.3	1.1	ug/Kg	10/14/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Chlorotoluene	ND	8.3	0.96	ug/Kg	10/14/14	JLI	SW8260
4-Methyl-2-pentanone	ND	42	2.0	ug/Kg	10/14/14	JLI	SW8260
Acetone	ND	50	8.3	ug/Kg	10/14/14	JLI	SW8260
Acrylonitrile	ND	17	4.7	ug/Kg	10/14/14	JLI	SW8260
Benzene	ND	8.3	1.6	ug/Kg	10/14/14	JLI	SW8260
Bromobenzene	ND	8.3	1.1	ug/Kg	10/14/14	JLI	SW8260
Bromochloromethane	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
Bromodichloromethane	ND	8.3	1.0	ug/Kg	10/14/14	JLI	SW8260
Bromoform	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
Bromomethane	ND	8.3	6.4	ug/Kg	10/14/14	JLI	SW8260
Carbon Disulfide	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
Carbon tetrachloride	ND	8.3	0.96	ug/Kg	10/14/14	JLI	SW8260
Chlorobenzene	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
Chloroethane	ND	8.3	1.9	ug/Kg	10/14/14	JLI	SW8260
Chloroform	ND	8.3	1.5	ug/Kg	10/14/14	JLI	SW8260
Chloromethane	ND	8.3	4.3	ug/Kg	10/14/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	8.3	1.8	ug/Kg	10/14/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	8.3	0.90	ug/Kg	10/14/14	JLI	SW8260
Dibromochloromethane	ND	5.0	0.93	ug/Kg	10/14/14	JLI	SW8260
Dibromomethane	ND	8.3	1.0	ug/Kg	10/14/14	JLI	SW8260
Dichlorodifluoromethane	ND	8.3	2.2	ug/Kg	10/14/14	JLI	SW8260
Ethylbenzene	ND	8.3	1.5	ug/Kg	10/14/14	JLI	SW8260
Hexachlorobutadiene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
Isopropylbenzene	ND	8.3	1.6	ug/Kg	10/14/14	JLI	SW8260
m&p-Xylene	ND	8.3	3.3	ug/Kg	10/14/14	JLI	SW8260
Methyl Ethyl Ketone	ND	50	7.2	ug/Kg	10/14/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	17	2.3	ug/Kg	10/14/14	JLI	SW8260
Methylene chloride	ND	8.3	1.4	ug/Kg	10/14/14	JLI	SW8260
Naphthalene	ND	8.3	2.2	ug/Kg	10/14/14	JLI	SW8260
n-Butylbenzene	ND	8.3	1.5	ug/Kg	10/14/14	JLI	SW8260
n-Propylbenzene	ND	8.3	1.5	ug/Kg	10/14/14	JLI	SW8260
o-Xylene	ND	8.3	3.2	ug/Kg	10/14/14	JLI	SW8260
p-Isopropyltoluene	ND	8.3	1.2	ug/Kg	10/14/14	JLI	SW8260
sec-Butylbenzene	ND	8.3	1.6	ug/Kg	10/14/14	JLI	SW8260
Styrene	ND	8.3	2.4	ug/Kg	10/14/14	JLI	SW8260
tert-Butylbenzene	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
Tetrachloroethene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	17	7.5	ug/Kg	10/14/14	JLI	SW8260
Toluene	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	8.3	1.7	ug/Kg	10/14/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	17	15	ug/Kg	10/14/14	JLI	SW8260
Trichloroethene	ND	8.3	1.8	ug/Kg	10/14/14	JLI	SW8260
Trichlorofluoromethane	ND	8.3	1.8	ug/Kg	10/14/14	JLI	SW8260
Trichlorotrifluoroethane	ND	8.3	1.3	ug/Kg	10/14/14	JLI	SW8260
Vinyl chloride	ND	8.3	2.7	ug/Kg	10/14/14	JLI	SW8260
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	97			%	10/14/14	JLI	70 - 130 %
% Bromofluorobenzene	90			%	10/14/14	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Dibromofluoromethane	101			%	10/14/14	JLI	70 - 130 %
% Toluene-d8	92			%	10/14/14	JLI	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

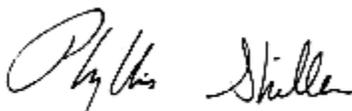
**Comments:**

100% Solid Assumed

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 20, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/10/14  
 10/13/14

## Time

0:00  
 15:56

## Laboratory Data

SDG ID: GBH26606  
 Phoenix ID: BH26612

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B7 12-14 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35	0.35		mg/Kg	10/15/14	EK	SW6010
Aluminum	7870	35		mg/Kg	10/15/14	EK	SW6010
Arsenic	3.3	0.7		mg/Kg	10/15/14	EK	SW6010
Barium	35.3	0.7		mg/Kg	10/15/14	LK	SW6010
Beryllium	0.44	0.28		mg/Kg	10/15/14	EK	SW6010
Calcium	880	3.5		mg/Kg	10/15/14	EK	SW6010
Cadmium	< 0.35	0.35		mg/Kg	10/15/14	EK	SW6010
Cobalt	6.98	0.35		mg/Kg	10/15/14	EK	SW6010
Chromium	20.2	0.35		mg/Kg	10/15/14	EK	SW6010
Copper	10.7	0.35		mg/kg	10/15/14	EK	SW6010
Iron	26600	35		mg/Kg	10/15/14	EK	SW6010
Mercury	< 0.09	0.09		mg/Kg	10/14/14	RS	SW-7471
Potassium	2100	7		mg/Kg	10/15/14	EK	SW6010
Magnesium	2330	3.5		mg/Kg	10/15/14	EK	SW6010
Manganese	173	3.5		mg/Kg	10/15/14	LK	SW6010
Sodium	111	7		mg/Kg	10/15/14	EK	SW6010
Nickel	14.2	0.35		mg/Kg	10/15/14	EK	SW6010
Lead	7.2	0.7		mg/Kg	10/15/14	EK	SW6010
Antimony	< 2.5	2.5		mg/Kg	10/15/14	EK	SW6010
Selenium	< 1.4	1.4		mg/Kg	10/15/14	LK	SW6010
Thallium	< 1.4	1.4		mg/Kg	10/15/14	EK	SW6010
Vanadium	28.7	0.4		mg/Kg	10/15/14	EK	SW6010
Zinc	37.8	0.7		mg/Kg	10/15/14	EK	SW6010
Percent Solid	85			%	10/13/14	I	E160.3
Soil Extraction for PCB	Completed				10/13/14	CB	SW3545
Soil Extraction for Pesticide	Completed				10/13/14	CB/H	SW3545
Soil Extraction for SVOA	Completed				10/13/14	CJ/VH	SW3545
Mercury Digestion	Completed				10/14/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050
Field Extraction	Completed				10/10/14		SW5035

**Polychlorinated Biphenyls**

PCB-1016	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1221	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1232	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1242	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1248	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1254	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1260	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1262	ND	39	39	ug/Kg	10/14/14	AW	SW 8082
PCB-1268	ND	39	39	ug/Kg	10/14/14	AW	SW 8082

**QA/QC Surrogates**

% DCBP	85			%	10/14/14	AW	30 - 150 %
% TCMX	80			%	10/14/14	AW	30 - 150 %

**Pesticides - Soil**

4,4' -DDD	ND	2.3	2.3	ug/Kg	10/15/14	CE	SW8081
4,4' -DDE	ND	2.3	2.3	ug/Kg	10/15/14	CE	SW8081
4,4' -DDT	ND	2.3	2.3	ug/Kg	10/15/14	CE	SW8081
a-BHC	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
a-Chlordane	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Aldrin	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
b-BHC	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Chlordane	ND	39	39	ug/Kg	10/15/14	CE	SW8081
d-BHC	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Dieldrin	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Endosulfan I	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Endosulfan II	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Endrin	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Endrin aldehyde	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Endrin ketone	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
g-BHC	ND	1.6	1.6	ug/Kg	10/15/14	CE	SW8081
g-Chlordane	ND	3.9	3.9	ug/Kg	10/15/14	CE	SW8081
Heptachlor	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	10/15/14	CE	SW8081
Methoxychlor	ND	39	39	ug/Kg	10/15/14	CE	SW8081
Toxaphene	ND	160	160	ug/Kg	10/15/14	CE	SW8081

**QA/QC Surrogates**

% DCBP	104			%	10/15/14	CE	SW8081
% TCMX	97			%	10/15/14	CE	SW8081

**Volatiles**

1,1,1,2-Tetrachloroethane	ND	12	2.0	ug/Kg	10/14/14	JLI	SW8260
1,1,1-Trichloroethane	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
1,1,2-Trichloroethane	ND	12	1.2	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloroethane	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	12	2.6	ug/Kg	10/14/14	JLI	SW8260
1,1-Dichloropropene	ND	12	2.3	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260
1,2,3-Trichloropropane	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	12	3.2	ug/Kg	10/14/14	JLI	SW8260
1,2-Dibromoethane	ND	12	3.2	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichlorobenzene	ND	12	1.3	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloroethane	ND	12	1.1	ug/Kg	10/14/14	JLI	SW8260
1,2-Dichloropropane	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	12	1.6	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichlorobenzene	ND	12	1.8	ug/Kg	10/14/14	JLI	SW8260
1,3-Dichloropropane	ND	12	1.3	ug/Kg	10/14/14	JLI	SW8260
1,4-Dichlorobenzene	ND	12	1.9	ug/Kg	10/14/14	JLI	SW8260
2,2-Dichloropropane	ND	12	2.0	ug/Kg	10/14/14	JLI	SW8260
2-Chlorotoluene	ND	12	1.9	ug/Kg	10/14/14	JLI	SW8260
2-Hexanone	ND	60	5.4	ug/Kg	10/14/14	JLI	SW8260
2-Isopropyltoluene	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
4-Chlorotoluene	ND	12	1.4	ug/Kg	10/14/14	JLI	SW8260
4-Methyl-2-pentanone	ND	60	2.9	ug/Kg	10/14/14	JLI	SW8260
Acetone	17	JS 50	12	ug/Kg	10/14/14	JLI	SW8260
Acrylonitrile	ND	24	6.8	ug/Kg	10/14/14	JLI	SW8260
Benzene	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260
Bromobenzene	ND	12	1.6	ug/Kg	10/14/14	JLI	SW8260
Bromochloromethane	ND	12	1.8	ug/Kg	10/14/14	JLI	SW8260
Bromodichloromethane	ND	12	1.5	ug/Kg	10/14/14	JLI	SW8260
Bromoform	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
Bromomethane	ND	12	9.3	ug/Kg	10/14/14	JLI	SW8260
Carbon Disulfide	ND	12	2.0	ug/Kg	10/14/14	JLI	SW8260
Carbon tetrachloride	ND	12	1.4	ug/Kg	10/14/14	JLI	SW8260
Chlorobenzene	ND	12	1.8	ug/Kg	10/14/14	JLI	SW8260
Chloroethane	ND	12	2.8	ug/Kg	10/14/14	JLI	SW8260
Chloroform	ND	12	2.2	ug/Kg	10/14/14	JLI	SW8260
Chloromethane	ND	12	6.3	ug/Kg	10/14/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	12	2.6	ug/Kg	10/14/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	12	1.3	ug/Kg	10/14/14	JLI	SW8260
Dibromochloromethane	ND	5.0	1.4	ug/Kg	10/14/14	JLI	SW8260
Dibromomethane	ND	12	1.5	ug/Kg	10/14/14	JLI	SW8260
Dichlorodifluoromethane	ND	12	3.2	ug/Kg	10/14/14	JLI	SW8260
Ethylbenzene	ND	12	2.2	ug/Kg	10/14/14	JLI	SW8260
Hexachlorobutadiene	ND	12	2.5	ug/Kg	10/14/14	JLI	SW8260
Isopropylbenzene	ND	12	2.3	ug/Kg	10/14/14	JLI	SW8260
m&p-Xylene	ND	12	4.8	ug/Kg	10/14/14	JLI	SW8260
Methyl Ethyl Ketone	ND	72	10	ug/Kg	10/14/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	24	3.3	ug/Kg	10/14/14	JLI	SW8260
Methylene chloride	ND	12	2.0	ug/Kg	10/14/14	JLI	SW8260
Naphthalene	ND	12	3.2	ug/Kg	10/14/14	JLI	SW8260
n-Butylbenzene	ND	12	2.2	ug/Kg	10/14/14	JLI	SW8260

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	12	2.2	ug/Kg	10/14/14	JLI	SW8260
o-Xylene	ND	12	4.6	ug/Kg	10/14/14	JLI	SW8260
p-Isopropyltoluene	ND	12	1.7	ug/Kg	10/14/14	JLI	SW8260
sec-Butylbenzene	ND	12	2.3	ug/Kg	10/14/14	JLI	SW8260
Styrene	ND	12	3.5	ug/Kg	10/14/14	JLI	SW8260
tert-Butylbenzene	ND	12	1.9	ug/Kg	10/14/14	JLI	SW8260
Tetrachloroethene	ND	12	2.5	ug/Kg	10/14/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	24	11	ug/Kg	10/14/14	JLI	SW8260
Toluene	ND	12	1.9	ug/Kg	10/14/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	12	2.4	ug/Kg	10/14/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	12	2.5	ug/Kg	10/14/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	24	22	ug/Kg	10/14/14	JLI	SW8260
Trichloroethene	ND	12	2.6	ug/Kg	10/14/14	JLI	SW8260
Trichlorofluoromethane	ND	12	2.7	ug/Kg	10/14/14	JLI	SW8260
Trichlorotrifluoroethane	ND	12	1.9	ug/Kg	10/14/14	JLI	SW8260
Vinyl chloride	ND	12	3.9	ug/Kg	10/14/14	JLI	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	98			%	10/14/14	JLI	70 - 130 %
% Bromofluorobenzene	97			%	10/14/14	JLI	70 - 130 %
% Dibromofluoromethane	100			%	10/14/14	JLI	70 - 130 %
% Toluene-d8	94			%	10/14/14	JLI	70 - 130 %
<b><u>Semivolatiles</u></b>							
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
1,2-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
1,3-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
1,4-Dichlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	10/14/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
2,4-Dichlorophenol	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
2,4-Dimethylphenol	ND	270	96	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrophenol	ND	1600	270	ug/Kg	10/14/14	DD	SW 8270
2,4-Dinitrotoluene	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
2,6-Dinitrotoluene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
2-Chloronaphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Chlorophenol	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylnaphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	10/14/14	DD	SW 8270
2-Nitroaniline	ND	1600	390	ug/Kg	10/14/14	DD	SW 8270
2-Nitrophenol	ND	270	240	ug/Kg	10/14/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	770	180	ug/Kg	10/14/14	DD	SW 8270
3-Nitroaniline	ND	1600	840	ug/Kg	10/14/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	10/14/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
4-Chloroaniline	ND	330	180	ug/Kg	10/14/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	10/14/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1900	130	ug/Kg	10/14/14	DD	SW 8270
4-Nitrophenol	ND	1600	170	ug/Kg	10/14/14	DD	SW 8270
Acenaphthene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Acenaphthylene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Acetophenone	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Aniline	ND	1900	780	ug/Kg	10/14/14	DD	SW 8270
Anthracene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Benz(a)anthracene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzidine	ND	770	230	ug/Kg	10/14/14	DD	SW 8270
Benzo(a)pyrene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzo(b)fluoranthene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzo(ghi)perylene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Benzo(k)fluoranthene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Benzoic acid	ND	1900	770	ug/Kg	10/14/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	270	99	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	10/14/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	10/14/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Carbazole	ND	1900	290	ug/Kg	10/14/14	DD	SW 8270
Chrysene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Dibenzofuran	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Diethyl phthalate	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Dimethylphthalate	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Di-n-butylphthalate	ND	270	100	ug/Kg	10/14/14	DD	SW 8270
Di-n-octylphthalate	ND	270	99	ug/Kg	10/14/14	DD	SW 8270
Fluoranthene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Fluorene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobenzene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Hexachlorobutadiene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Hexachloroethane	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Isophorone	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Naphthalene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Nitrobenzene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodimethylamine	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
Pentachloronitrobenzene	ND	270	140	ug/Kg	10/14/14	DD	SW 8270
Pentachlorophenol	ND	270	150	ug/Kg	10/14/14	DD	SW 8270
Phenanthrene	ND	270	110	ug/Kg	10/14/14	DD	SW 8270
Phenol	ND	270	120	ug/Kg	10/14/14	DD	SW 8270
Pyrene	ND	270	130	ug/Kg	10/14/14	DD	SW 8270
Pyridine	ND	270	95	ug/Kg	10/14/14	DD	SW 8270
<b>QA/QC Surrogates</b>							
% 2,4,6-Tribromophenol	94			%	10/14/14	DD	30 - 130 %
% 2-Fluorobiphenyl	88			%	10/14/14	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	72			%	10/14/14	DD	30 - 130 %
% Nitrobenzene-d5	75			%	10/14/14	DD	30 - 130 %
% Phenol-d5	73			%	10/14/14	DD	30 - 130 %
% Terphenyl-d14	91			%	10/14/14	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

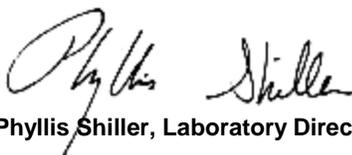
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 20, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# QA/QC Report

October 20, 2014

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 289012, QC Sample No: BH26595 (BH26606, BH26607, BH26608, BH26609, BH26610, BH26612)												
<u>ICP Metals - Soil</u>												
Aluminum	BRL	10200	10500	2.90	100	106	5.8	NC	NC	NC	75 - 125	30
Antimony	BRL	<33	<38	NC	105	107	1.9	90.3	89.2	1.2	75 - 125	30
Arsenic	BRL	9.5	7.9	NC	102	108	5.7	95.1	92.4	2.9	75 - 125	30
Barium	BRL	426	193	75.3	105	114	8.2	NC	NC	NC	75 - 125	30
Beryllium	BRL	<2.7	<3.0	NC	100	103	3.0	100	98.7	1.3	75 - 125	30
Cadmium	BRL	<3.3	<3.8	NC	113	115	1.8	99.5	97.7	1.8	75 - 125	30
Calcium	BRL	15900	19900	22.3	100	103	3.0	NC	NC	NC	75 - 125	30
Chromium	BRL	36.3	35.4	2.50	104	106	1.9	102	97.2	4.8	75 - 125	30
Cobalt	BRL	9.2	8.6	NC	87.9	90.7	3.1	98.7	97.5	1.2	75 - 125	30
Copper	BRL	148	143	3.40	94.7	95.3	0.6	101	108	6.7	75 - 125	30
Iron	BRL	24700	24000	2.90	92.2	98.9	7.0	NC	NC	NC	75 - 125	30
Lead	BRL	248	245	1.20	101	103	2.0	111	93.4	17.2	75 - 125	30
Magnesium	BRL	2820	3100	9.50	101	106	4.8	NC	NC	NC	75 - 125	30
Manganese	BRL	487	402	19.1	109	112	2.7	NC	NC	NC	75 - 125	30
Nickel	BRL	18.2	17.2	NC	102	103	1.0	101	101	0.0	75 - 125	30
Potassium	BRL	1560	1630	4.40	98.8	102	3.2	>130	>130	NC	75 - 125	30
Selenium	BRL	<13	<15	NC	98.5	103	4.5	95.5	92.8	2.9	75 - 125	30
Silver	BRL	<3.3	4.5	NC	97.4	101	3.6	109	103	5.7	75 - 125	30
Sodium	BRL	388	422	8.40	101	102	1.0	>130	108	NC	75 - 125	30
Thallium	BRL	<30	<34	NC	101	104	2.9	99.1	96.9	2.2	75 - 125	30
Vanadium	BRL	28.0	30.2	7.60	111	116	4.4	101	99.2	1.8	75 - 125	30
Zinc	BRL	281	269	4.40	108	111	2.7	95.9	>130	NC	75 - 125	30

QA/QC Batch 289057, QC Sample No: BH26599 (BH26606, BH26607, BH26608)

### ICP Metals - TCLP Extraction

Lead	BRL	0.08	0.07	NC	106	105	0.9	102	103	1.0	75 - 125	20
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QA/QC Batch 289055, QC Sample No: BH26769 (BH26609, BH26610, BH26612)

Mercury - Soil	BRL	<0.09	<0.07	NC	104	96.3	7.7	94.8	86.2	9.5	70 - 130	30
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Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

m = This parameter is outside laboratory ms/msd specified recovery limits.

r = This parameter is outside laboratory rpd specified recovery limits.



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# QA/QC Report

October 20, 2014

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 288852, QC Sample No: BH20215 (BH26609, BH26610, BH26612)									
<u>Pesticides - Soil</u>									
4,4' -DDD	ND	83	82	1.2	86	86	0.0	40 - 140	30
4,4' -DDE	ND	84	82	2.4	87	88	1.1	40 - 140	30
4,4' -DDT	ND	80	79	1.3	82	82	0.0	40 - 140	30
a-BHC	ND	86	81	6.0	88	88	0.0	40 - 140	30
a-Chlordane	ND	87	84	3.5	90	89	1.1	40 - 140	30
Aldrin	ND	87	81	7.1	88	87	1.1	40 - 140	30
b-BHC	ND	91	89	2.2	95	94	1.1	40 - 140	30
Chlordane	ND	90	86	4.5	93	93	0.0	40 - 140	30
d-BHC	ND	86	83	3.6	92	92	0.0	40 - 140	30
Dieldrin	ND	93	90	3.3	95	97	2.1	40 - 140	30
Endosulfan I	ND	88	84	4.7	93	89	4.4	40 - 140	30
Endosulfan II	ND	70	74	5.6	92	89	3.3	40 - 140	30
Endosulfan sulfate	ND	57	58	1.7	66	65	1.5	40 - 140	30
Endrin	ND	86	82	4.8	91	89	2.2	40 - 140	30
Endrin aldehyde	ND	63	65	3.1	79	74	6.5	40 - 140	30
Endrin ketone	ND	70	72	2.8	78	76	2.6	40 - 140	30
g-BHC	ND	90	86	4.5	94	96	2.1	40 - 140	30
g-Chlordane	ND	90	86	4.5	93	93	0.0	40 - 140	30
Heptachlor	ND	82	78	5.0	84	85	1.2	40 - 140	30
Heptachlor epoxide	ND	91	87	4.5	93	92	1.1	40 - 140	30
Methoxychlor	ND	72	74	2.7	81	83	2.4	40 - 140	30
Toxaphene	ND	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	88	92	90	2.2	96	105	9.0	30 - 150	30
% TCMX	81	87	81	7.1	89	90	1.1	30 - 150	30

Comment:

Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported as chlordane in the LCS, LCSD, MS and MSD.

QA/QC Batch 288851, QC Sample No: BH20215 (BH26609, BH26610, BH26612)

### Polychlorinated Biphenyls - Soil

PCB-1016	ND	94	88	6.6	89	103	14.6	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	93	89	4.4	90	103	13.5	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	79	102	96	6.1	98	112	13.3	30 - 150	30
% TCMX (Surrogate Rec)	75	95	89	6.5	91	103	12.4	30 - 150	30

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 288879, QC Sample No: BH26345 (BH26609, BH26610, BH26612)										
<b>Semivolatiles - Soil</b>										
1,2,4,5-Tetrachlorobenzene	ND	76	71	6.8	72	71	1.4	30 - 130	30	
1,2,4-Trichlorobenzene	ND	74	71	4.1	71	72	1.4	30 - 130	30	
1,2-Dichlorobenzene	ND	69	65	6.0	66	68	3.0	30 - 130	30	
1,2-Diphenylhydrazine	ND	90	88	2.2	70	70	0.0	30 - 130	30	
1,3-Dichlorobenzene	ND	68	63	7.6	64	66	3.1	30 - 130	30	
1,4-Dichlorobenzene	ND	69	64	7.5	65	67	3.0	30 - 130	30	
2,4,5-Trichlorophenol	ND	87	87	0.0	80	83	3.7	30 - 130	30	
2,4,6-Trichlorophenol	ND	83	86	3.6	78	80	2.5	30 - 130	30	
2,4-Dichlorophenol	ND	78	76	2.6	73	73	0.0	30 - 130	30	
2,4-Dimethylphenol	ND	67	66	1.5	66	66	0.0	30 - 130	30	
2,4-Dinitrophenol	ND	20	33	49.1	<10	<10	NC	30 - 130	30	I,m,r
2,4-Dinitrotoluene	ND	86	84	2.4	75	75	0.0	30 - 130	30	
2,6-Dinitrotoluene	ND	85	82	3.6	77	77	0.0	30 - 130	30	
2-Chloronaphthalene	ND	78	78	0.0	76	77	1.3	30 - 130	30	
2-Chlorophenol	ND	76	73	4.0	71	73	2.8	30 - 130	30	
2-Methylnaphthalene	ND	75	73	2.7	72	72	0.0	30 - 130	30	
2-Methylphenol (o-cresol)	ND	76	74	2.7	73	74	1.4	30 - 130	30	
2-Nitroaniline	ND	110	119	7.9	91	98	7.4	30 - 130	30	
2-Nitrophenol	ND	72	70	2.8	63	69	9.1	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	84	80	4.9	79	80	1.3	30 - 130	30	
3,3'-Dichlorobenzidine	ND	79	76	3.9	42	43	2.4	30 - 130	30	
3-Nitroaniline	ND	95	86	9.9	59	61	3.3	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	38	56	38.3	19	18	5.4	30 - 130	30	m,r
4-Bromophenyl phenyl ether	ND	84	84	0.0	78	83	6.2	30 - 130	30	
4-Chloro-3-methylphenol	ND	82	79	3.7	81	87	7.1	30 - 130	30	
4-Chloroaniline	ND	43	41	4.8	26	27	3.8	30 - 130	30	m
4-Chlorophenyl phenyl ether	ND	83	82	1.2	77	77	0.0	30 - 130	30	
4-Nitroaniline	ND	83	82	1.2	77	78	1.3	30 - 130	30	
4-Nitrophenol	ND	84	85	1.2	68	73	7.1	30 - 130	30	
Acenaphthene	ND	75	76	1.3	71	71	0.0	30 - 130	30	
Acenaphthylene	ND	75	75	0.0	72	73	1.4	30 - 130	30	
Acetophenone	ND	74	71	4.1	70	75	6.9	30 - 130	30	
Aniline	ND	55	51	7.5	34	35	2.9	30 - 130	30	
Anthracene	ND	83	81	2.4	79	79	0.0	30 - 130	30	
Benz(a)anthracene	ND	80	76	5.1	76	76	0.0	30 - 130	30	
Benzidine	ND	17	16	6.1	<10	<10	NC	30 - 130	30	I,m
Benzo(a)pyrene	ND	79	77	2.6	74	73	1.4	30 - 130	30	
Benzo(b)fluoranthene	ND	80	79	1.3	88	86	2.3	30 - 130	30	
Benzo(ghi)perylene	ND	86	77	11.0	49	48	2.1	30 - 130	30	
Benzo(k)fluoranthene	ND	80	78	2.5	78	83	6.2	30 - 130	30	
Benzoic Acid	ND	<10	<10	NC	<10	<10	NC	30 - 130	30	I,m
Benzyl butyl phthalate	ND	85	74	13.8	64	66	3.1	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	73	71	2.8	69	70	1.4	30 - 130	30	
Bis(2-chloroethyl)ether	ND	63	59	6.6	65	66	1.5	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	68	65	4.5	64	65	1.6	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	92	88	4.4	81	84	3.6	30 - 130	30	
Carbazole	ND	118	115	2.6	108	112	3.6	30 - 130	30	
Chrysene	ND	88	85	3.5	81	82	1.2	30 - 130	30	
Dibenz(a,h)anthracene	ND	85	79	7.3	57	59	3.4	30 - 130	30	
Dibenzofuran	ND	81	80	1.2	77	77	0.0	30 - 130	30	

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Diethyl phthalate	ND	81	82	1.2	75	75	0.0	30 - 130	30
Dimethylphthalate	ND	81	80	1.2	75	76	1.3	30 - 130	30
Di-n-butylphthalate	ND	84	82	2.4	72	70	2.8	30 - 130	30
Di-n-octylphthalate	ND	88	87	1.1	70	72	2.8	30 - 130	30
Fluoranthene	ND	83	76	8.8	81	73	10.4	30 - 130	30
Fluorene	ND	83	84	1.2	79	78	1.3	30 - 130	30
Hexachlorobenzene	ND	81	84	3.6	78	82	5.0	30 - 130	30
Hexachlorobutadiene	ND	69	66	4.4	66	67	1.5	30 - 130	30
Hexachlorocyclopentadiene	ND	73	68	7.1	19	17	11.1	30 - 130	30
Hexachloroethane	ND	69	64	7.5	60	57	5.1	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	85	80	6.1	59	60	1.7	30 - 130	30
Isophorone	ND	67	66	1.5	63	64	1.6	30 - 130	30
Naphthalene	ND	75	72	4.1	72	73	1.4	30 - 130	30
Nitrobenzene	ND	73	70	4.2	69	70	1.4	30 - 130	30
N-Nitrosodimethylamine	ND	60	57	5.1	57	45	23.5	30 - 130	30
N-Nitrosodi-n-propylamine	ND	73	71	2.8	68	70	2.9	30 - 130	30
N-Nitrosodiphenylamine	ND	99	96	3.1	87	88	1.1	30 - 130	30
Pentachloronitrobenzene	ND	82	90	9.3	78	81	3.8	30 - 130	30
Pentachlorophenol	ND	72	77	6.7	54	62	13.8	30 - 130	30
Phenanthrene	ND	83	84	1.2	93	86	7.8	30 - 130	30
Phenol	ND	76	74	2.7	72	74	2.7	30 - 130	30
Pyrene	ND	84	78	7.4	80	71	11.9	30 - 130	30
Pyridine	ND	42	41	2.4	40	34	16.2	30 - 130	30
% 2,4,6-Tribromophenol	82	78	86	9.8	72	76	5.4	30 - 130	30
% 2-Fluorobiphenyl	78	75	75	0.0	73	73	0.0	30 - 130	30
% 2-Fluorophenol	66	69	65	6.0	62	63	1.6	30 - 130	30
% Nitrobenzene-d5	72	69	67	2.9	66	67	1.5	30 - 130	30
% Phenol-d5	73	74	72	2.7	69	69	0.0	30 - 130	30
% Terphenyl-d14	94	86	82	4.8	63	61	3.2	30 - 130	30

m

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 289165, QC Sample No: BH26748 (BH26609, BH26610 (42, 1X) , BH26611, BH26612)

### Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	105	105	0.0	105	105	0.0	70 - 130	30
1,1,1-Trichloroethane	ND	105	105	0.0	103	103	0.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	104	104	0.0	109	105	3.7	70 - 130	30
1,1,2-Trichloroethane	ND	100	99	1.0	103	102	1.0	70 - 130	30
1,1-Dichloroethane	ND	100	102	2.0	102	102	0.0	70 - 130	30
1,1-Dichloroethene	ND	107	108	0.9	100	99	1.0	70 - 130	30
1,1-Dichloropropene	ND	104	105	1.0	105	104	1.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	96	96	0.0	99	95	4.1	70 - 130	30
1,2,3-Trichloropropane	ND	97	99	2.0	94	94	0.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	90	91	1.1	99	92	7.3	70 - 130	30
1,2,4-Trimethylbenzene	ND	95	96	1.0	98	91	7.4	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	105	104	1.0	100	103	3.0	70 - 130	30
1,2-Dibromoethane	ND	101	100	1.0	100	101	1.0	70 - 130	30
1,2-Dichlorobenzene	ND	98	98	0.0	100	98	2.0	70 - 130	30
1,2-Dichloroethane	ND	102	102	0.0	103	102	1.0	70 - 130	30
1,2-Dichloropropane	ND	102	101	1.0	104	103	1.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	101	101	0.0	102	97	5.0	70 - 130	30
1,3-Dichlorobenzene	ND	96	96	0.0	100	97	3.0	70 - 130	30

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3-Dichloropropane	ND	100	101	1.0	102	101	1.0	70 - 130	30
1,4-Dichlorobenzene	ND	94	95	1.1	100	97	3.0	70 - 130	30
2,2-Dichloropropane	ND	103	104	1.0	98	98	0.0	70 - 130	30
2-Chlorotoluene	ND	99	99	0.0	102	101	1.0	70 - 130	30
2-Hexanone	ND	92	90	2.2	76	78	2.6	70 - 130	30
2-Isopropyltoluene	ND	102	102	0.0	98	96	2.1	70 - 130	30
4-Chlorotoluene	ND	95	95	0.0	100	97	3.0	70 - 130	30
4-Methyl-2-pentanone	ND	95	93	2.1	94	95	1.1	70 - 130	30
Acetone	ND	100	94	6.2	56	56	0.0	70 - 130	30
Acrylonitrile	ND	99	99	0.0	91	90	1.1	70 - 130	30
Benzene	ND	104	104	0.0	103	103	0.0	70 - 130	30
Bromobenzene	ND	100	101	1.0	102	99	3.0	70 - 130	30
Bromochloromethane	ND	101	104	2.9	102	102	0.0	70 - 130	30
Bromodichloromethane	ND	106	104	1.9	104	104	0.0	70 - 130	30
Bromoform	ND	109	107	1.9	103	106	2.9	70 - 130	30
Bromomethane	ND	112	113	0.9	104	108	3.8	70 - 130	30
Carbon Disulfide	ND	106	108	1.9	92	91	1.1	70 - 130	30
Carbon tetrachloride	ND	107	105	1.9	103	106	2.9	70 - 130	30
Chlorobenzene	ND	99	100	1.0	104	103	1.0	70 - 130	30
Chloroethane	ND	105	105	0.0	70	68	2.9	70 - 130	30
Chloroform	ND	100	101	1.0	100	100	0.0	70 - 130	30
Chloromethane	ND	106	108	1.9	116	113	2.6	70 - 130	30
cis-1,2-Dichloroethene	ND	101	102	1.0	102	100	2.0	70 - 130	30
cis-1,3-Dichloropropene	ND	104	104	0.0	102	102	0.0	70 - 130	30
Dibromochloromethane	ND	107	107	0.0	106	107	0.9	70 - 130	30
Dibromomethane	ND	100	99	1.0	101	101	0.0	70 - 130	30
Dichlorodifluoromethane	ND	110	114	3.6	115	115	0.0	70 - 130	30
Ethylbenzene	ND	103	103	0.0	105	104	1.0	70 - 130	30
Hexachlorobutadiene	ND	106	105	0.9	100	98	2.0	70 - 130	30
Isopropylbenzene	ND	101	101	0.0	103	102	1.0	70 - 130	30
m&p-Xylene	ND	100	100	0.0	105	103	1.9	70 - 130	30
Methyl ethyl ketone	ND	93	90	3.3	67	68	1.5	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	104	104	0.0	93	93	0.0	70 - 130	30
Methylene chloride	ND	74	75	1.3	97	87	10.9	70 - 130	30
Naphthalene	ND	101	101	0.0	100	98	2.0	70 - 130	30
n-Butylbenzene	ND	96	96	0.0	103	98	5.0	70 - 130	30
n-Propylbenzene	ND	95	95	0.0	103	101	2.0	70 - 130	30
o-Xylene	ND	102	101	1.0	107	105	1.9	70 - 130	30
p-Isopropyltoluene	ND	101	101	0.0	110	104	5.6	70 - 130	30
sec-Butylbenzene	ND	105	105	0.0	103	100	3.0	70 - 130	30
Styrene	ND	99	100	1.0	104	102	1.9	70 - 130	30
tert-Butylbenzene	ND	103	103	0.0	104	103	1.0	70 - 130	30
Tetrachloroethene	ND	102	102	0.0	106	105	0.9	70 - 130	30
Tetrahydrofuran (THF)	ND	96	99	3.1	88	89	1.1	70 - 130	30
Toluene	ND	103	103	0.0	104	103	1.0	70 - 130	30
trans-1,2-Dichloroethene	ND	103	104	1.0	102	101	1.0	70 - 130	30
trans-1,3-Dichloropropene	ND	106	105	0.9	101	101	0.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	102	101	1.0	88	89	1.1	70 - 130	30
Trichloroethene	ND	105	105	0.0	104	103	1.0	70 - 130	30
Trichlorofluoromethane	ND	114	114	0.0	114	113	0.9	70 - 130	30
Trichlorotrifluoroethane	ND	106	107	0.9	93	96	3.2	70 - 130	30
Vinyl chloride	ND	104	105	1.0	119	119	0.0	70 - 130	30
% 1,2-dichlorobenzene-d4	101	101	99	2.0	98	98	0.0	70 - 130	30

## QA/QC Data

SDG I.D.: GBH26606

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Bromofluorobenzene	97	99	99	0.0	103	102	1.0	70 - 130	30
% Dibromofluoromethane	102	99	100	1.0	98	99	1.0	70 - 130	30
% Toluene-d8	94	100	100	0.0	100	100	0.0	70 - 130	30

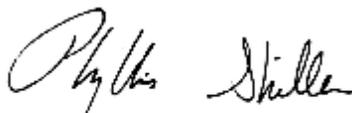
Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.  
m = This parameter is outside laboratory ms/msd specified recovery limits.  
r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference  
LCS - Laboratory Control Sample  
LCSD - Laboratory Control Sample Duplicate  
MS - Matrix Spike  
MS Dup - Matrix Spike Duplicate  
NC - No Criteria  
Intf - Interference

  
Phyllis Shiller, Laboratory Director  
October 20, 2014

## Sample Criteria Exceedences Report

Criteria: NY: 375, 375RRS, 375RS, TAGS

GBH26606 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH26606	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	3980	78	400	400	mg/Kg
BH26606	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	3980	78	400	400	mg/Kg
BH26606	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	3980	78	63	63	mg/Kg
BH26606	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	3980	78		0.03	mg/Kg
BH26606	TCLP-PB	TCLP Lead	EPA / 40 CFR 261.24 / Toxicity Characteristics	5.01	0.10	5	5	mg/L
BH26607	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1770	70	400	400	mg/Kg
BH26607	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	1770	70	400	400	mg/Kg
BH26607	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1770	70	63	63	mg/Kg
BH26607	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	1770	70		0.03	mg/Kg
BH26608	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	145	6.9	63	63	mg/Kg
BH26608	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	145	6.9		0.03	mg/Kg
BH26609	\$8270SMRDP	Aniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	100	330	ug/Kg
BH26609	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.40	0.28	0.16	0.05	mg/Kg
BH26609	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	24.7	0.36	10	0.1	mg/Kg
BH26609	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	20900	36	2000	1	mg/Kg
BH26609	MN-SM	Manganese	NY / TAGM - Heavy Metals / Soil Standards	519	3.6		0.15	mg/Kg
BH26609	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	7.4	0.7		0.03	mg/Kg
BH26609	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	37.2	0.7	20	0.2	mg/Kg
BH26610	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	110	98	50	50	ug/Kg
BH26610	\$8260MADPR	Dibromochloromethane	NY / TAGM - Volatile Organics / Soil Standards	ND	9.8		5	ug/Kg
BH26610	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1600	270	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1900	270	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1900	270	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	730	270	500	500	ug/Kg
BH26610	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2100	270	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	730	270	500	500	ug/Kg
BH26610	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	2100	270	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	270	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1900	270	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	270	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	270	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	270	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	730	270	500	500	ug/Kg
BH26610	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	270	1000	1000	ug/Kg
BH26610	\$8270SMRDP	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	1900	270	224	330	ug/Kg
BH26610	\$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	150	270	61	330	ug/Kg
BH26610	\$8270SMRDP	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Soil Standards	2100	270	1100	330	ug/Kg
BH26610	\$8270SMRDP	Chrysene	NY / TAGM - Semi-Volatiles / Soil Standards	1900	270	400	330	ug/Kg
BH26610	\$8270SMRDP	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	200	1600	ug/Kg

## Sample Criteria Exceedences Report

Criteria: NY: 375, 375RRS, 375RS, TAGS

GBH26606 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BH26610	\$8270SMRDP	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	430	1600	1600	ug/Kg
BH26610	\$8270SMRDP	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	500	1600	1600	ug/Kg
BH26610	\$8270SMRDP	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	770	220	330	330	ug/Kg
BH26610	\$8270SMRDP	Aniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	100	330	330	ug/Kg
BH26610	\$8270SMRDP	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	100	1600	1600	ug/Kg
BH26610	\$PCB_SMRDP	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	110	38	100	100	100	ug/Kg
BH26610	\$PESTSM_NY	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	3.9	3.3	3.3	3.3	ug/Kg
BH26610	AS-SM	Arsenic	NY / TAGM - Heavy Metals / Soil Standards	9.7	0.7	7.5	0.1	0.1	mg/Kg
BH26610	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.32	0.29	0.16	0.05	0.05	mg/Kg
BH26610	CD-SM	Cadmium	NY / TAGM - Heavy Metals / Soil Standards	1.45	0.37	1	0.05	0.05	mg/Kg
BH26610	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	18.8	0.37	10	0.1	0.1	mg/Kg
BH26610	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	77.4	0.37	50	50	50	mg/kg
BH26610	CU-SM	Copper	NY / TAGM - Heavy Metals / Soil Standards	77.4	0.37	25	0.25	0.25	mg/kg
BH26610	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	28500	37	2000	1	1	mg/Kg
BH26610	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.16	0.09	0.81	0.81	0.81	mg/Kg
BH26610	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.16	0.09	0.81	0.81	0.81	mg/Kg
BH26610	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.16	0.09	0.18	0.18	0.18	mg/Kg
BH26610	HG-SM	Mercury	NY / TAGM - Heavy Metals / Soil Standards	2.16	0.09	0.1	0.002	0.002	mg/Kg
BH26610	MN-SM	Manganese	NY / TAGM - Heavy Metals / Soil Standards	265	3.7		0.15	0.15	mg/Kg
BH26610	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	16.0	0.37	13	0.4	0.4	mg/Kg
BH26610	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	358	7.4	63	63	63	mg/Kg
BH26610	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	358	7.4		0.03	0.03	mg/Kg
BH26610	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	556	7.4	109	109	109	mg/Kg
BH26610	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	556	7.4	20	0.2	0.2	mg/Kg
BH26612	\$8270SMRDP	Aniline	NY / TAGM - Semi-Volatiles / Soil Standards	ND	1900	100	330	330	ug/Kg
BH26612	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.44	0.28	0.16	0.05	0.05	mg/Kg
BH26612	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	20.2	0.35	10	0.1	0.1	mg/Kg
BH26612	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	26600	35	2000	1	1	mg/Kg
BH26612	MN-SM	Manganese	NY / TAGM - Heavy Metals / Soil Standards	173	3.5		0.15	0.15	mg/Kg
BH26612	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	14.2	0.35	13	0.4	0.4	mg/Kg
BH26612	PB-SMDP	Lead	NY / TAGM - Heavy Metals / Soil Standards	7.2	0.7		0.03	0.03	mg/Kg
BH26612	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	37.8	0.7	20	0.2	0.2	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

October 20, 2014

SDG I.D.: GBH26606

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)





Friday, October 17, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
Sample ID#s: BH26595 - BH26605

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



**Environmental Laboratories, Inc.**  
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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

9:00  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26595

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B2 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	248	6.7	3.3	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.10	B*	0.10	0.010	mg/L	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	90			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
 This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

9:15  
 15:56

Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26596

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B8 2-4 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	5100	70	35	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	18.8	* 0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	88			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

10:00  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26597

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B9 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	1170	7.5	3.8	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.49	* 0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	92			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

10:15  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26598

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B9 2-4 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	715	7.2	3.6	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	1.13	* 0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	91			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

10:30  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26599

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B9 4-6 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	172	7.3	3.6	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.08	B*	0.10	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	89			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

10:45  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26600

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B10 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	143	7.2	3.6	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.06	B*	0.10	0.010	mg/L	10/14/14	EK SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	87			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

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**Phyllis Shiller, Laboratory Director**  
**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

11:00  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26601

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B10 2-4 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	172	7.1	3.5	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	< 0.10 *	0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	87			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

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**Phyllis Shiller, Laboratory Director**  
**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

### Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

### Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

### Date

10/10/14  
 10/13/14

### Time

11:15  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26602

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B10 4-6 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	126	6.9	3.5	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.06	B*	0.10	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	86			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

### Comments:

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

11:30  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26603

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B11 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	3590	75	38	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	2.01	* 0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	92			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

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**Phyllis Shiller, Laboratory Director**  
**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

11:45  
 15:56

## Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26604

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B11 2-4 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	7280	66	33	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	71.4	1.0	0.10	mg/L	10/15/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	89			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

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**Phyllis Shiller, Laboratory Director**  
**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 October 17, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

10/10/14  
 10/13/14

Time

12:00  
 15:56

Laboratory Data

SDG ID: GBH26595  
 Phoenix ID: BH26605

Project ID: 771 METROPOLITAN AVE., BROOKLYN  
 Client ID: B11 4-6 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Lead	117	7.2	3.6	mg/Kg	10/15/14	EK	SW6010
TCLP Lead	0.12	* 0.10	0.010	mg/L	10/14/14	EK	SW6010
TCLP Metals Digestion	Completed				10/14/14	I/I	SW3005
Percent Solid	88			%	10/13/14	I	E160.3
TCLP Extraction for Metals	Completed				10/13/14	I	EPA 1311
Total Metals Digest	Completed				10/13/14	CB/AG	SW846 - 3050

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**

**Sample Criteria Exceedences Report**

Criteria: NY: 375, 375RRS, 375RS

**GBH26595 - EBC**

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH26595	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	248	6.7	63	63	mg/Kg
BH26596	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	5100	70	400	400	mg/Kg
BH26596	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	5100	70	400	400	mg/Kg
BH26596	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	5100	70	63	63	mg/Kg
BH26596	TCLP-PB	TCLP Lead	EPA / 40 CFR 261.24 / Toxicity Characteristics	18.8	0.10	5	5	mg/L
BH26597	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1170	7.5	400	400	mg/Kg
BH26597	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	1170	7.5	400	400	mg/Kg
BH26597	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1170	7.5	63	63	mg/Kg
BH26598	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	715	7.2	400	400	mg/Kg
BH26598	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	715	7.2	400	400	mg/Kg
BH26598	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	715	7.2	63	63	mg/Kg
BH26599	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	172	7.3	63	63	mg/Kg
BH26600	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	143	7.2	63	63	mg/Kg
BH26601	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	172	7.1	63	63	mg/Kg
BH26602	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	126	6.9	63	63	mg/Kg
BH26603	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	3590	75	400	400	mg/Kg
BH26603	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	3590	75	400	400	mg/Kg
BH26603	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	3590	75	63	63	mg/Kg
BH26604	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	7280	66	400	400	mg/Kg
BH26604	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	7280	66	400	400	mg/Kg
BH26604	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	7280	66	63	63	mg/Kg
BH26604	TCLP-PB	TCLP Lead	EPA / 40 CFR 261.24 / Toxicity Characteristics	71.4	1.0	5	5	mg/L
BH26605	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	117	7.2	63	63	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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# NY Temperature Narration

October 17, 2014

SDG I.D.: GBH26595

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes  No   
 IPK  ICE  No   
 Temp 4 °C Pg of

Contact Options:  
 Fax: \_\_\_\_\_  
 Phone: (631) 504-6000  
 Email: C:sosik@ebcincnv.com

**NY/NJ CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Customer: Environmental Business Consultants  
 Address: 1808 Middle Country Road  
 Ridge, New York 11961

Project: 771 Metro Politan Ave Brooklyn Project P.O.  
 Report to: Environmental Business Consultants  
 Invoice to: Environmental Business Consultants

This section **MUST** be completed with **Bottle Quantities.**

Sampler's Signature: \_\_\_\_\_ Date: 10/13/14  
 Client Sample - Information - Identification Analysis Request

Matrix Code:  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
20595	B0 0-2	S	10-10-14	9:00	Soil VOA Vals [X] methanol [X] H2O
20596	B8 2-4	S	9:15		GL Soil container (8) oz
20597	B9 0-2	S	10:00		GL VOA Vals [X] methanol [X] H2O
20598	B9 2-4	S	10:15		GL Soil container (8) oz
20599	B9 4-6	S	10:30		GL VOA Vals [X] methanol [X] H2O
20600	B10 0-2	S	10:45		GL Soil container (8) oz
20601	B10 2-4	S	11:00		GL VOA Vals [X] methanol [X] H2O
20602	B10 4-6	S	11:15		GL Soil container (8) oz
20603	B11 0-2	S	11:30		GL VOA Vals [X] methanol [X] H2O
20604	B11 2-4	S	11:45		GL Soil container (8) oz
20605	B11 4-6	S	12:00		GL VOA Vals [X] methanol [X] H2O

Relinquished by: \_\_\_\_\_ Accepted by: \_\_\_\_\_  
 Date: 10-13-14 Time: 10:30  
 Date: 10-13-14 Time: 15:50

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 5 Days  
 10 Days  
 Other  
 \* SURCHARGE APPLIES

State where samples were collected: NY

Comments, Special Requirements or Regulations:

Turnaround: \_\_\_\_\_ Time: \_\_\_\_\_

Res. Criteria  Non-Res. Criteria  Impact to GW Soil Cleanup Criteria  GW Criteria

NY TAGM 4046 GW  TAGM 4046 SOIL  NY375 Unrestricted Use Soil  NY375 Residential  Restricted/Residential  Commercial  Industrial

Data Format: Phoenix Std Report  Excel  PDF  GIS/Key  EQuls  NJ Hazsite EDD  NY EZ EDD (ASP)  Other

Data Package: NJ Reduced Deliv.  NY Enhanced (ASP B)  Other



Friday, October 03, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
Sample ID#s: BH20400 - BH20402

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

October 03, 2014

SDG I.D.: GBH20400

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8260 Volatile Organics:

1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/FID method 504 or 8011 to achieve this criteria.



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**NY ANALYTICAL SERVICES PROTOCOL  
DATA PACKAGE**

**Client: Environmental Business Consultants**  
**Project: 781 METROPOLITAN AVE., BROOKLYN**  
**Laboratory Project: GBH20400**



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Analytical Services Protocol Format

October 03, 2014

SDG I.D.: GBH20400

Environmental Business Consultants 781 METROPOLITAN AVE., BROOKLYN

---

## Methodology Summary

### Volatile Organics

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 8260C.

## Sample Id Cross Reference

Client Id	Lab Id	Matrix
MW1	BH20400	GROUND WATER
MW2	BH20401	GROUND WATER
MW3	BH20402	GROUND WATER

---



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Analytical Services Protocol Format

October 03, 2014

SDG I.D.: GBH20400

Environmental Business Consultants 781 METROPOLITAN AVE., BROOKLYN

---

## Laboratory Chronicle

The samples in this delivery group were received at 6°C.

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BH20400	Volatiles	09/25/14	10/02/14	10/02/14	MH	Y
BH20401	Volatiles	09/25/14	10/02/14	10/02/14	MH	Y
BH20402	Volatiles	09/25/14	09/29/14	09/29/14	MH	Y



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 03, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: GROUND WATER  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/25/14  
 09/29/14

## Time

8:00  
 16:15

## Laboratory Data

SDG ID: GBH20400  
 Phoenix ID: BH20400

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
 Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	10/02/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	10/02/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	10/02/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	10/02/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	10/02/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	10/02/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Acetone	4.3	JS	5.0	0.31	ug/L	10/02/14	MH SW8260
Acrolein	ND		5.0	0.95	ug/L	10/02/14	MH SW8260
Acrylonitrile	ND		5.0	0.17	ug/L	10/02/14	MH SW8260
Benzene	0.79		0.70	0.19	ug/L	10/02/14	MH SW8260
Bromobenzene	ND		1.0	0.20	ug/L	10/02/14	MH SW8260
Bromochloromethane	ND		1.0	0.22	ug/L	10/02/14	MH SW8260
Bromodichloromethane	ND		1.0	0.16	ug/L	10/02/14	MH SW8260
Bromoform	ND		5.0	0.10	ug/L	10/02/14	MH SW8260
Bromomethane	ND		5.0	0.50	ug/L	10/02/14	MH SW8260
Carbon Disulfide	ND		1.0	0.24	ug/L	10/02/14	MH SW8260
Carbon tetrachloride	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
Chlorobenzene	ND		5.0	0.20	ug/L	10/02/14	MH SW8260
Chloroethane	ND		5.0	0.24	ug/L	10/02/14	MH SW8260
Chloroform	ND		5.0	0.22	ug/L	10/02/14	MH SW8260
Chloromethane	0.72	J	5.0	0.21	ug/L	10/02/14	MH SW8260
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	10/02/14	MH SW8260
Dibromochloromethane	ND		1.0	0.15	ug/L	10/02/14	MH SW8260
Dibromomethane	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	10/02/14	MH SW8260
Ethylbenzene	ND		1.0	0.19	ug/L	10/02/14	MH SW8260
Hexachlorobutadiene	ND		0.5	0.13	ug/L	10/02/14	MH SW8260
Isopropylbenzene	ND		1.0	0.22	ug/L	10/02/14	MH SW8260
m&p-Xylene	ND		1.0	0.42	ug/L	10/02/14	MH SW8260
Methyl ethyl ketone	ND		1.0	0.50	ug/L	10/02/14	MH SW8260
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	10/02/14	MH SW8260
Methylene chloride	ND		3.0	0.16	ug/L	10/02/14	MH SW8260
Naphthalene	ND		1.0	0.19	ug/L	10/02/14	MH SW8260
n-Butylbenzene	ND		1.0	0.22	ug/L	10/02/14	MH SW8260
n-Propylbenzene	ND		1.0	0.20	ug/L	10/02/14	MH SW8260
o-Xylene	ND		1.0	0.45	ug/L	10/02/14	MH SW8260
p-Isopropyltoluene	ND		1.0	0.21	ug/L	10/02/14	MH SW8260
sec-Butylbenzene	ND		1.0	0.22	ug/L	10/02/14	MH SW8260
Styrene	ND		1.0	0.41	ug/L	10/02/14	MH SW8260
tert-Butylbenzene	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
Tetrachloroethene	ND		1.0	0.24	ug/L	10/02/14	MH SW8260
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	10/02/14	MH SW8260
Toluene	ND		1.0	0.20	ug/L	10/02/14	MH SW8260
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	10/02/14	MH SW8260
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	10/02/14	MH SW8260
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	10/02/14	MH SW8260
Trichloroethene	ND		1.0	0.18	ug/L	10/02/14	MH SW8260
Trichlorofluoromethane	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	10/02/14	MH SW8260
Vinyl chloride	ND		1.0	0.14	ug/L	10/02/14	MH SW8260
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	101			%	10/02/14	MH	70 - 121 %
% Bromofluorobenzene	94			%	10/02/14	MH	59 - 113 %
% Dibromofluoromethane	97			%	10/02/14	MH	70 - 130 %

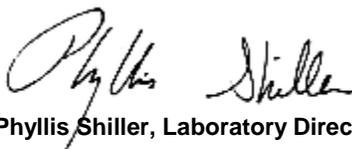
Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	100			%	10/02/14	MH	84 - 138 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 03, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



**Environmental Laboratories, Inc.**  
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# Analysis Report

October 03, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: GROUND WATER  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/25/14  
 09/29/14

## Time

9:00  
 16:15

## Laboratory Data

SDG ID: GBH20400  
 Phoenix ID: BH20401

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
 Client ID: MW2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	10/02/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	10/02/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	10/02/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	10/02/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	10/02/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	10/02/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Acetone	5.2	S 5.0	0.31	ug/L	10/02/14	MH	SW8260
Acrolein	ND	5.0	0.95	ug/L	10/02/14	MH	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	10/02/14	MH	SW8260
Benzene	0.24	J 0.70	0.19	ug/L	10/02/14	MH	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	10/02/14	MH	SW8260
Bromoform	ND	5.0	0.10	ug/L	10/02/14	MH	SW8260
Bromomethane	ND	5.0	0.50	ug/L	10/02/14	MH	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	10/02/14	MH	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	10/02/14	MH	SW8260
Chloroethane	ND	5.0	0.24	ug/L	10/02/14	MH	SW8260
Chloroform	ND	5.0	0.22	ug/L	10/02/14	MH	SW8260
Chloromethane	ND	5.0	0.21	ug/L	10/02/14	MH	SW8260
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	10/02/14	MH	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	10/02/14	MH	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	10/02/14	MH	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
Hexachlorobutadiene	ND	0.5	0.13	ug/L	10/02/14	MH	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	10/02/14	MH	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	10/02/14	MH	SW8260
Methyl t-butyl ether (MTBE)	0.99	J 1.0	0.19	ug/L	10/02/14	MH	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	10/02/14	MH	SW8260
Naphthalene	ND	1.0	0.19	ug/L	10/02/14	MH	SW8260
n-Butylbenzene	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
o-Xylene	ND	1.0	0.45	ug/L	10/02/14	MH	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	10/02/14	MH	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	10/02/14	MH	SW8260
Styrene	ND	1.0	0.41	ug/L	10/02/14	MH	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
Tetrachloroethene	ND	1.0	0.24	ug/L	10/02/14	MH	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	10/02/14	MH	SW8260
Toluene	ND	1.0	0.20	ug/L	10/02/14	MH	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	10/02/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	10/02/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	10/02/14	MH	SW8260
Trichloroethene	ND	1.0	0.18	ug/L	10/02/14	MH	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	10/02/14	MH	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	10/02/14	MH	SW8260
<b><u>QA/QC Surrogates</u></b>							
% 1,2-dichlorobenzene-d4	102			%	10/02/14	MH	70 - 121 %
% Bromofluorobenzene	94			%	10/02/14	MH	59 - 113 %
% Dibromofluoromethane	97			%	10/02/14	MH	70 - 130 %

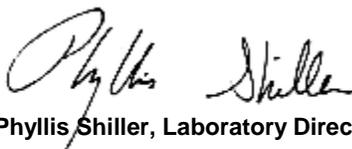
Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	99			%	10/02/14	MH	84 - 138 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 03, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# Analysis Report

October 03, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: GROUND WATER  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/25/14  
 09/29/14

## Time

10:00  
 16:15

## Laboratory Data

SDG ID: GBH20400  
 Phoenix ID: BH20402

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
 Client ID: MW3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
1,1,1-Trichloroethane	ND	10	0.38	ug/L	10/02/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	2.0	0.30	ug/L	10/02/14	MH	SW8260
1,1,2-Trichloroethane	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethane	ND	10	0.46	ug/L	10/02/14	MH	SW8260
1,1-Dichloroethene	ND	2.0	0.48	ug/L	10/02/14	MH	SW8260
1,1-Dichloropropene	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
1,2,3-Trichloropropane	ND	2.0	0.42	ug/L	10/02/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	2.0	0.36	ug/L	10/02/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	2.0	0.36	ug/L	10/02/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	2.0	0.72	ug/L	10/02/14	MH	SW8260
1,2-Dibromoethane	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
1,2-Dichlorobenzene	ND	2.0	0.32	ug/L	10/02/14	MH	SW8260
1,2-Dichloroethane	ND	1.2	0.40	ug/L	10/02/14	MH	SW8260
1,2-Dichloropropane	ND	2.0	0.36	ug/L	10/02/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	2.0	0.42	ug/L	10/02/14	MH	SW8260
1,3-Dichlorobenzene	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
1,3-Dichloropropane	ND	2.0	0.44	ug/L	10/02/14	MH	SW8260
1,4-Dichlorobenzene	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
2,2-Dichloropropane	ND	2.0	0.32	ug/L	10/02/14	MH	SW8260
2-Chlorotoluene	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
2-Hexanone	ND	2.0	0.54	ug/L	10/02/14	MH	SW8260
2-Isopropyltoluene	ND	2.0	0.42	ug/L	10/02/14	MH	SW8260
4-Chlorotoluene	ND	2.0	0.32	ug/L	10/02/14	MH	SW8260
4-Methyl-2-pentanone	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Acetone	800	S 500	31	ug/L	09/29/14	MH	SW8260
Acrolein	ND	10	1.9	ug/L	10/02/14	MH	SW8260
Acrylonitrile	ND	10	0.34	ug/L	10/02/14	MH	SW8260
Benzene	ND	1.4	0.38	ug/L	10/02/14	MH	SW8260
Bromobenzene	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
Bromochloromethane	ND	2.0	0.44	ug/L	10/02/14	MH	SW8260
Bromodichloromethane	ND	2.0	0.32	ug/L	10/02/14	MH	SW8260
Bromoform	ND	10	0.20	ug/L	10/02/14	MH	SW8260
Bromomethane	ND	10	1.0	ug/L	10/02/14	MH	SW8260
Carbon Disulfide	2.8	2.0	0.48	ug/L	10/02/14	MH	SW8260
Carbon tetrachloride	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
Chlorobenzene	ND	10	0.40	ug/L	10/02/14	MH	SW8260
Chloroethane	ND	10	0.48	ug/L	10/02/14	MH	SW8260
Chloroform	ND	10	0.44	ug/L	10/02/14	MH	SW8260
Chloromethane	ND	10	0.42	ug/L	10/02/14	MH	SW8260
cis-1,2-Dichloroethene	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
cis-1,3-Dichloropropene	ND	0.80	0.30	ug/L	10/02/14	MH	SW8260
Dibromochloromethane	ND	2.0	0.30	ug/L	10/02/14	MH	SW8260
Dibromomethane	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
Dichlorodifluoromethane	ND	2.0	0.52	ug/L	10/02/14	MH	SW8260
Ethylbenzene	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
Hexachlorobutadiene	ND	2.0	0.26	ug/L	10/02/14	MH	SW8260
Isopropylbenzene	ND	2.0	0.44	ug/L	10/02/14	MH	SW8260
m&p-Xylene	ND	2.0	0.84	ug/L	10/02/14	MH	SW8260
Methyl ethyl ketone	32	2.0	1.0	ug/L	10/02/14	MH	SW8260
Methyl t-butyl ether (MTBE)	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
Methylene chloride	ND	6.0	0.32	ug/L	10/02/14	MH	SW8260
Naphthalene	ND	2.0	0.38	ug/L	10/02/14	MH	SW8260
n-Butylbenzene	ND	2.0	0.44	ug/L	10/02/14	MH	SW8260
n-Propylbenzene	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
o-Xylene	ND	2.0	0.90	ug/L	10/02/14	MH	SW8260
p-Isopropyltoluene	ND	2.0	0.42	ug/L	10/02/14	MH	SW8260
sec-Butylbenzene	ND	2.0	0.44	ug/L	10/02/14	MH	SW8260
Styrene	ND	2.0	0.82	ug/L	10/02/14	MH	SW8260
tert-Butylbenzene	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
Tetrachloroethene	ND	2.0	0.48	ug/L	10/02/14	MH	SW8260
Tetrahydrofuran (THF)	ND	10	1.0	ug/L	10/02/14	MH	SW8260
Toluene	ND	2.0	0.40	ug/L	10/02/14	MH	SW8260
trans-1,2-Dichloroethene	ND	10	0.40	ug/L	10/02/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.80	0.28	ug/L	10/02/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	2.0	0.90	ug/L	10/02/14	MH	SW8260
Trichloroethene	ND	2.0	0.36	ug/L	10/02/14	MH	SW8260
Trichlorofluoromethane	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
Trichlorotrifluoroethane	ND	2.0	0.46	ug/L	10/02/14	MH	SW8260
Vinyl chloride	ND	2.0	0.28	ug/L	10/02/14	MH	SW8260
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	103			%	10/02/14	MH	70 - 121 %
% Bromofluorobenzene	95			%	10/02/14	MH	59 - 113 %
% Dibromofluoromethane	102			%	10/02/14	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	99			%	10/02/14	MH	84 - 138 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**Comments:**

Volatile Comment:

Elevated reporting limits due to the foamy nature of the sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**October 03, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# QA/QC Report

October 03, 2014

## QA/QC Data

SDG I.D.: GBH20400

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 287798, QC Sample No: BH19145 (BH20402 (100X) )

### Volatiles - Ground Water

Acetone	ND	100	108	7.7	81	105	25.8	70 - 130	30
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Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 287994, QC Sample No: BH21782 (BH20400, BH20401, BH20402 (2X) )

### Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	95	91	4.3	108	94	13.9	70 - 130	30
1,1,1-Trichloroethane	ND	88	85	3.5	102	89	13.6	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	94	94	0.0	106	91	15.2	70 - 130	30
1,1,2-Trichloroethane	ND	89	92	3.3	110	96	13.6	70 - 130	30
1,1-Dichloroethane	ND	85	83	2.4	101	89	12.6	70 - 130	30
1,1-Dichloroethene	ND	89	87	2.3	98	88	10.8	70 - 130	30
1,1-Dichloropropene	ND	89	84	5.8	101	88	13.8	70 - 130	30
1,2,3-Trichlorobenzene	ND	91	90	1.1	106	94	12.0	70 - 130	30
1,2,3-Trichloropropane	ND	90	91	1.1	105	92	13.2	70 - 130	30
1,2,4-Trichlorobenzene	ND	92	90	2.2	106	93	13.1	70 - 130	30
1,2,4-Trimethylbenzene	ND	87	82	5.9	102	89	13.6	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	92	91	1.1	110	96	13.6	70 - 130	30
1,2-Dibromoethane	ND	92	93	1.1	110	95	14.6	70 - 130	30
1,2-Dichlorobenzene	ND	90	87	3.4	104	91	13.3	70 - 130	30
1,2-Dichloroethane	ND	91	91	0.0	105	94	11.1	70 - 130	30
1,2-Dichloropropane	ND	88	87	1.1	103	90	13.5	70 - 130	30
1,3,5-Trimethylbenzene	ND	90	84	6.9	101	89	12.6	70 - 130	30
1,3-Dichlorobenzene	ND	90	86	4.5	104	91	13.3	70 - 130	30
1,3-Dichloropropane	ND	90	90	0.0	106	93	13.1	70 - 130	30
1,4-Dichlorobenzene	ND	89	85	4.6	102	91	11.4	70 - 130	30
2,2-Dichloropropane	ND	92	87	5.6	79	70	12.1	70 - 130	30
2-Chlorotoluene	ND	90	84	6.9	102	90	12.5	70 - 130	30
2-Hexanone	ND	80	83	3.7	103	90	13.5	70 - 130	30
2-Isopropyltoluene	ND	94	87	7.7	102	90	12.5	70 - 130	30
4-Chlorotoluene	ND	89	84	5.8	102	90	12.5	70 - 130	30
4-Methyl-2-pentanone	ND	87	90	3.4	113	98	14.2	70 - 130	30
Acetone	ND	74	81	9.0	102	86	17.0	70 - 130	30
Acrolein	ND	87	93	6.7	83	72	14.2	70 - 130	30
Acrylonitrile	ND	95	102	7.1	117	99	16.7	70 - 130	30
Benzene	ND	90	85	5.7	103	90	13.5	70 - 130	30
Bromobenzene	ND	91	88	3.4	103	92	11.3	70 - 130	30
Bromochloromethane	ND	90	91	1.1	106	93	13.1	70 - 130	30
Bromodichloromethane	ND	89	88	1.1	102	90	12.5	70 - 130	30
Bromoform	ND	93	92	1.1	107	92	15.1	70 - 130	30
Bromomethane	ND	95	91	4.3	33	50	41.0	70 - 130	30

m,r

QA/QC Data

SDG I.D.: GBH20400

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Carbon Disulfide	ND	92	86	6.7	98	88	10.8	70 - 130	30
Carbon tetrachloride	ND	87	82	5.9	97	86	12.0	70 - 130	30
Chlorobenzene	ND	91	86	5.6	104	91	13.3	70 - 130	30
Chloroethane	ND	92	86	6.7	102	91	11.4	70 - 130	30
Chloroform	ND	85	82	3.6	98	88	10.8	70 - 130	30
Chloromethane	ND	92	87	5.6	87	80	8.4	70 - 130	30
cis-1,2-Dichloroethene	ND	87	85	2.3	100	92	8.3	70 - 130	30
cis-1,3-Dichloropropene	ND	92	93	1.1	101	88	13.8	70 - 130	30
Dibromochloromethane	ND	94	95	1.1	108	92	16.0	70 - 130	30
Dibromomethane	ND	90	93	3.3	109	95	13.7	70 - 130	30
Dichlorodifluoromethane	ND	74	71	4.1	91	84	8.0	70 - 130	30
Ethylbenzene	ND	95	87	8.8	105	92	13.2	70 - 130	30
Hexachlorobutadiene	ND	97	89	8.6	97	88	9.7	70 - 130	30
Isopropylbenzene	ND	90	82	9.3	101	89	12.6	70 - 130	30
m&p-Xylene	ND	93	86	7.8	104	92	12.2	70 - 130	30
Methyl ethyl ketone	ND	81	87	7.1	101	93	8.2	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	94	99	5.2	108	94	13.9	70 - 130	30
Methylene chloride	ND	77	77	0.0	91	80	12.9	70 - 130	30
Naphthalene	ND	93	94	1.1	110	96	13.6	70 - 130	30
n-Butylbenzene	ND	89	81	9.4	98	87	11.9	70 - 130	30
n-Propylbenzene	ND	86	79	8.5	102	90	12.5	70 - 130	30
o-Xylene	ND	90	86	4.5	104	91	13.3	70 - 130	30
p-Isopropyltoluene	ND	92	84	9.1	102	89	13.6	70 - 130	30
sec-Butylbenzene	ND	92	84	9.1	100	87	13.9	70 - 130	30
Styrene	ND	91	87	4.5	104	91	13.3	70 - 130	30
tert-Butylbenzene	ND	91	83	9.2	103	90	13.5	70 - 130	30
Tetrachloroethene	ND	95	87	8.8	106	92	14.1	70 - 130	30
Tetrahydrofuran (THF)	ND	84	89	5.8	105	87	18.8	70 - 130	30
Toluene	ND	90	86	4.5	103	90	13.5	70 - 130	30
trans-1,2-Dichloroethene	ND	91	85	6.8	102	90	12.5	70 - 130	30
trans-1,3-Dichloropropene	ND	96	95	1.0	103	90	13.5	70 - 130	30
trans-1,4-dichloro-2-butene	ND	93	95	2.1	73	63	14.7	70 - 130	30 m
Trichloroethene	ND	95	88	7.7	107	93	14.0	70 - 130	30
Trichlorofluoromethane	ND	78	75	3.9	89	81	9.4	70 - 130	30
Trichlorotrifluoroethane	ND	82	76	7.6	88	79	10.8	70 - 130	30
Vinyl chloride	ND	86	83	3.6	93	84	10.2	70 - 130	30
% 1,2-dichlorobenzene-d4	101	98	100	2.0	101	99	2.0	70 - 121	30
% Bromofluorobenzene	97	100	100	0.0	99	99	0.0	59 - 113	30
% Dibromofluoromethane	104	100	104	3.9	101	102	1.0	70 - 130	30
% Toluene-d8	100	98	98	0.0	99	99	0.0	84 - 138	30

Comment:

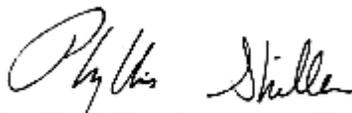
A blank MS/MSD was analyzed with this batch.

m = This parameter is outside laboratory ms/msd specified recovery limits.

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 October 03, 2014

# QA/QC Data

SDG I.D.: GBH20400

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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## Sample Criteria Exceedences Report

Criteria: NY: GW

GBH20400 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH20400	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	0.79	0.70	0.7	0.7	ug/L
BH20400	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH20400	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH20400	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH20401	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH20401	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH20401	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH20402	\$8260DP25R	Chloroform	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	7	7	ug/L
BH20402	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	1.4	0.7	0.7	ug/L
BH20402	\$8260DP25R	1,1-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Chlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
BH20402	\$8260DP25R	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Acetone	NY / TAGM - Volatile Organics / Groundwater Standards	800	500	50	50	ug/L
BH20402	\$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	6.0	5	5	ug/L
BH20402	\$8260DP25R	trans-1,2-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
BH20402	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.0006	0.0006	ug/L
BH20402	\$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	1	1	ug/L
BH20402	\$8260DP25R	1,1-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BH20402	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BH20402	\$8260DP25R	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Chlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	trans-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	6.0	5	5	ug/L
BH20402	\$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.5	0.5	ug/L
BH20402	\$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.80	0.4	0.4	ug/L
BH20402	\$8260DP25R	Chloromethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Acetone	NY / TOGS - Water Quality / GA Criteria	800	500	50	50	ug/L
BH20402	\$8260DP25R	Chloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.2	0.6	0.6	ug/L
BH20402	\$8260DP25R	Bromomethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	ND	1.4	1	1	ug/L
BH20402	\$8260DP25R	Acrylonitrile	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.80	0.4	0.4	ug/L
BH20402	\$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH20402	\$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	1	1	ug/L
BH20402	\$8260DP25R	Chloroform	NY / TOGS - Water Quality / GA Criteria	ND	10	7	7	ug/L

# Sample Criteria Exceedences Report

## GBH20400 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.





**Environmental Laboratories, Inc.**  
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Tel. (860) 645-1102 Fax (860) 645-0823



# NY Temperature Narration

October 03, 2014

SDG I.D.: GBH20400

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The samples in this delivery group were received at 6°C.  
(Note acceptance criteria is above freezing up to 6°C)





Friday, October 10, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
Sample ID#s: BH23122 - BH23123

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 10, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: AIR  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by: RC  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/02/14  
 10/03/14

## Time

13:17  
 16:10

## Laboratory Data

SDG ID: GBH23122  
 Phoenix ID: BH23122

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
 Client ID: SG1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<b><u>Volatiles (TO15)</u></b>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	10/06/14	KCA	TO15 1
1,1,1-Trichloroethane	0.440	0.183	2.40	1.00	10/06/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	10/06/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	10/06/14	KCA	TO15
1,1-Dichloroethane	3.00	0.247	12.1	1.00	10/06/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	10/06/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	10/06/14	KCA	TO15
1,2,4-Trimethylbenzene	2.40	0.204	11.8	1.00	10/06/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	10/06/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	10/06/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	10/06/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	10/06/14	KCA	TO15
1,3,5-Trimethylbenzene	0.870	0.204	4.27	1.00	10/06/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	10/06/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	10/06/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	10/06/14	KCA	TO15 1
4-Ethyltoluene	0.290	0.204	1.42	1.00	10/06/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	10/06/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	10/06/14	KCA	TO15
Acetone	57.1	0.421	136	1.00	10/06/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	10/06/14	KCA	TO15
Benzene	8.84	0.313	28.2	1.00	10/06/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	10/06/14	KCA	TO15

Client ID: SG1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	10/06/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	10/06/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	10/06/14	KCA	TO15
Carbon Disulfide	2.60	0.321	8.09	1.00	10/06/14	KCA	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	10/06/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	10/06/14	KCA	TO15
Chloroethane	0.480	0.379	1.26	1.00	10/06/14	KCA	TO15
Chloroform	2.01	0.205	9.81	1.00	10/06/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	10/06/14	KCA	TO15
Cis-1,2-Dichloroethene	0.360	0.252	1.43	1.00	10/06/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	10/06/14	KCA	TO15
Cyclohexane	1.38	0.291	4.75	1.00	10/06/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	10/06/14	KCA	TO15
Dichlorodifluoromethane	7.94	0.202	39.2	1.00	10/06/14	KCA	TO15
Ethanol	5.44	0.531	10.2	1.00	10/06/14	KCA	TO15
Ethyl acetate	ND	0.278	ND	1.00	10/06/14	KCA	TO15
Ethylbenzene	1.32	0.230	5.73	1.00	10/06/14	KCA	TO15
Heptane	1.35	0.244	5.53	1.00	10/06/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	10/06/14	KCA	TO15
Hexane	4.05	0.284	14.3	1.00	10/06/14	KCA	TO15
Isopropylalcohol	ND	0.407	ND	1.00	10/06/14	KCA	TO15
Isopropylbenzene	0.240	0.204	1.18	1.00	10/06/14	KCA	TO15
m,p-Xylene	4.01	0.230	17.4	1.00	10/06/14	KCA	TO15
Methyl Ethyl Ketone	1.74	0.339	5.13	1.00	10/06/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	10/06/14	KCA	TO15
Methylene Chloride	11.3	0.288	39.2	1.00	10/06/14	KCA	TO15
n-Butylbenzene	0.300	0.182	1.64	1.00	10/06/14	KCA	TO15
o-Xylene	1.84	0.230	7.98	1.00	10/06/14	KCA	TO15
Propylene	14.1	0.581	24.2	1.00	10/06/14	KCA	TO15
sec-Butylbenzene	ND	0.182	ND	1.00	10/06/14	KCA	TO15
Styrene	ND	0.235	ND	1.00	10/06/14	KCA	TO15
Tetrachloroethene	1.52	0.037	10.3	0.25	10/06/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	10/06/14	KCA	TO15
Toluene	5.12	0.266	19.3	1.00	10/06/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	10/06/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	10/06/14	KCA	TO15
Trichloroethene	1.77	0.047	9.50	0.25	10/06/14	KCA	TO15
Trichlorofluoromethane	1.76	0.178	9.88	1.00	10/06/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	10/06/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	10/06/14	KCA	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	113	%	113	%	10/06/14	KCA	TO15

Client ID: SG1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

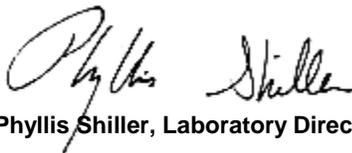
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**October 10, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 10, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: AIR  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by: RC  
 Received by: LB  
 Analyzed by: see "By" below

## Date

10/02/14  
 10/03/14

## Time

13:10  
 16:10

## Laboratory Data

SDG ID: GBH23122  
 Phoenix ID: BH23123

Project ID: 781 METROPOLITAN AVE., BROOKLYN  
 Client ID: SG2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<b>Volatiles (TO15)</b>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	10/06/14	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	10/06/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	10/06/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	10/06/14	KCA	TO15
1,1-Dichloroethane	0.440	0.247	1.78	1.00	10/06/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	10/06/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	10/06/14	KCA	TO15
1,2,4-Trimethylbenzene	1.67	0.204	8.20	1.00	10/06/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	10/06/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	10/06/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	10/06/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	10/06/14	KCA	TO15
1,3,5-Trimethylbenzene	0.640	0.204	3.14	1.00	10/06/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	10/06/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	10/06/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	10/06/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	10/06/14	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	10/06/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	10/06/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	10/06/14	KCA	TO15
Acetone	ND	0.421	ND	1.00	10/06/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	10/06/14	KCA	TO15
Benzene	2.01	0.313	6.42	1.00	10/06/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	10/06/14	KCA	TO15

Client ID: SG2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	10/06/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	10/06/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	10/06/14	KCA	TO15
Carbon Disulfide	20.3	0.321	63.2	1.00	10/06/14	KCA	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	10/06/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	10/06/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	10/06/14	KCA	TO15
Chloroform	ND	0.205	ND	1.00	10/06/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	10/06/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	10/06/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	10/06/14	KCA	TO15
Cyclohexane	3.49	0.291	12.0	1.00	10/06/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	10/06/14	KCA	TO15
Dichlorodifluoromethane	3.90	0.202	19.3	1.00	10/06/14	KCA	TO15
Ethanol	3.28	0.531	6.18	1.00	10/06/14	KCA	TO15
Ethyl acetate	ND	0.278	ND	1.00	10/06/14	KCA	TO15
Ethylbenzene	0.960	0.230	4.17	1.00	10/06/14	KCA	TO15
Heptane	3.42	0.244	14.0	1.00	10/06/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	10/06/14	KCA	TO15
Hexane	12.8	0.284	45.1	1.00	10/06/14	KCA	TO15
Isopropylalcohol	ND	0.407	ND	1.00	10/06/14	KCA	TO15
Isopropylbenzene	0.840	0.204	4.13	1.00	10/06/14	KCA	TO15
m,p-Xylene	2.61	0.230	11.3	1.00	10/06/14	KCA	TO15
Methyl Ethyl Ketone	1.12	0.339	3.30	1.00	10/06/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	4.38	0.278	15.8	1.00	10/06/14	KCA	TO15
Methylene Chloride	3.12	0.288	10.8	1.00	10/06/14	KCA	TO15
n-Butylbenzene	0.330	0.182	1.81	1.00	10/06/14	KCA	TO15
o-Xylene	1.72	0.230	7.46	1.00	10/06/14	KCA	TO15
Propylene	364	0.581	626	1.00	10/06/14	KCA	TO15
sec-Butylbenzene	0.430	0.182	2.36	1.00	10/06/14	KCA	TO15
Styrene	ND	0.235	ND	1.00	10/06/14	KCA	TO15
Tetrachloroethene	1.50	0.037	10.2	0.25	10/06/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	10/06/14	KCA	TO15
Toluene	3.64	0.266	13.7	1.00	10/06/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	10/06/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	10/06/14	KCA	TO15
Trichloroethene	0.450	0.047	2.42	0.25	10/06/14	KCA	TO15
Trichlorofluoromethane	37.3	0.178	209	1.00	10/06/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	10/06/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	10/06/14	KCA	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	113	%	113	%	10/06/14	KCA	TO15

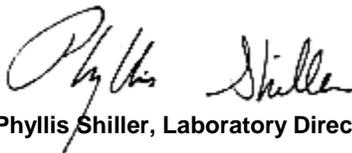
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**October 10, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# QA/QC Report

October 10, 2014

## QA/QC Data

SDG I.D.: GBH23122

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 288535, QC Sample No: BH22172 (BH23122, BH23123)										
<u>Volatiles</u>										
1,1,1,2-Tetrachloroethane	ND	ND		121					70 - 130	20
1,1,1-Trichloroethane	ND	ND		99					70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND		104					70 - 130	20
1,1,2-Trichloroethane	ND	ND		106					70 - 130	20
1,1-Dichloroethane	ND	ND		89					70 - 130	20
1,1-Dichloroethene	ND	ND		91					70 - 130	20
1,2,4-Trichlorobenzene	ND	ND		127					70 - 130	20
1,2,4-Trimethylbenzene	ND	ND		111					70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND		104					70 - 130	20
1,2-Dichlorobenzene	ND	ND		123					70 - 130	20
1,2-Dichloroethane	ND	ND		95					70 - 130	20
1,2-dichloropropane	ND	ND		101					70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND		106					70 - 130	20
1,3,5-Trimethylbenzene	ND	ND		108					70 - 130	20
1,3-Butadiene	ND	ND		87					70 - 130	20
1,3-Dichlorobenzene	ND	ND		121					70 - 130	20
1,4-Dichlorobenzene	ND	ND		123					70 - 130	20
1,4-Dioxane	ND	ND		100					70 - 130	20
2-Hexanone(MBK)	ND	ND		89					70 - 130	20
4-Ethyltoluene	ND	ND		107					70 - 130	20
4-Isopropyltoluene	ND	ND		110					70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND		92					70 - 130	20
Acetone	ND	ND		89					70 - 130	20
Acrylonitrile	ND	ND		90					70 - 130	20
Benzene	ND	ND		98					70 - 130	20
Benzyl chloride	ND	ND		135					70 - 130	20
Bromodichloromethane	ND	ND		107					70 - 130	20
Bromoform	ND	ND		138					70 - 130	20
Bromomethane	ND	ND		94					70 - 130	20
Carbon Disulfide	ND	ND		89					70 - 130	20
Carbon Tetrachloride	ND	ND		103					70 - 130	20
Chlorobenzene	ND	ND		104					70 - 130	20
Chloroethane	ND	ND		87					70 - 130	20
Chloroform	ND	ND		95					70 - 130	20
Chloromethane	ND	ND		85					70 - 130	20
Cis-1,2-Dichloroethene	ND	ND		94					70 - 130	20
cis-1,3-Dichloropropene	ND	ND		102					70 - 130	20
Cyclohexane	ND	ND		90					70 - 130	20
Dibromochloromethane	ND	ND		121					70 - 130	20
Dichlorodifluoromethane	ND	ND		98					70 - 130	20
Ethanol	ND	ND		83					70 - 130	20

QA/QC Data

SDG I.D.: GBH23122

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	92						70 - 130	20
Ethylbenzene	ND	ND	103						70 - 130	20
Heptane	ND	ND	88						70 - 130	20
Hexachlorobutadiene	ND	ND	102						70 - 130	20
Hexane	ND	ND	89						70 - 130	20
Isopropylalcohol	ND	ND	90						70 - 130	20
Isopropylbenzene	ND	ND	108						70 - 130	20
m,p-Xylene	ND	ND	105						70 - 130	20
Methyl Ethyl Ketone	ND	ND	90						70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	98						70 - 130	20
Methylene Chloride	ND	ND	79						70 - 130	20
n-Butylbenzene	ND	ND	119						70 - 130	20
o-Xylene	ND	ND	101						70 - 130	20
Propylene	ND	ND	86						70 - 130	20
sec-Butylbenzene	ND	ND	107						70 - 130	20
Styrene	ND	ND	105						70 - 130	20
Tetrachloroethene	ND	ND	112						70 - 130	20
Tetrahydrofuran	ND	ND	95						70 - 130	20
Toluene	ND	ND	102						70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	90						70 - 130	20
trans-1,3-Dichloropropene	ND	ND	102						70 - 130	20
Trichloroethene	ND	ND	102						70 - 130	20
Trichlorofluoromethane	ND	ND	96						70 - 130	20
Trichlorotrifluoroethane	ND	ND	98						70 - 130	20
Vinyl Chloride	ND	ND	87						70 - 130	20
% Bromofluorobenzene	107	107	97						70 - 130	20

Comment:

No duplicate could be reported for this Batch.

I = This parameter is outside laboratory lcs/lcsd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCS D - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 October 10, 2014

# Sample Criteria Exceedences Report

## GBH23122 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.





Thursday, October 23, 2014

Attn: Mr. Charles B. Sosik, P.G.  
Environmental Business Consultants  
1808 Middle Country Rd  
Ridge NY 11961-2406

Project ID: 771-781 METROPOLITAN AVE  
Sample ID#s: BH29608 - BH29610

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 23, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: AIR  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

## Date

10/17/14  
 10/20/14

## Time

12:10  
 17:01

## Laboratory Data

SDG ID: GBH29608  
 Phoenix ID: BH29608

Project ID: 771-781 METROPOLITAN AVE  
 Client ID: SG 4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
<b><u>Volatiles (TO15)</u></b>								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15	1
1,1,1-Trichloroethane	0.220	0.183	1.20	1.00	10/21/14	DD	TO15	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	10/21/14	DD	TO15	
1,1-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15	
1,1-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	10/21/14	DD	TO15	
1,2,4-Trimethylbenzene	1.43	0.204	7.02	1.00	10/21/14	DD	TO15	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	10/21/14	DD	TO15	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,2-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15	
1,2-dichloropropane	ND	0.216	ND	1.00	10/21/14	DD	TO15	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	10/21/14	DD	TO15	
1,3,5-Trimethylbenzene	0.370	0.204	1.82	1.00	10/21/14	DD	TO15	
1,3-Butadiene	ND	0.452	ND	1.00	10/21/14	DD	TO15	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,4-Dioxane	ND	0.278	ND	1.00	10/21/14	DD	TO15	
2-Hexanone(MBK)	ND	0.244	ND	1.00	10/21/14	DD	TO15	1
4-Ethyltoluene	0.300	0.204	1.47	1.00	10/21/14	DD	TO15	1
4-Isopropyltoluene	ND	0.182	ND	1.00	10/21/14	DD	TO15	1
4-Methyl-2-pentanone(MIBK)	0.420	0.244	1.72	1.00	10/21/14	DD	TO15	
Acetone	1.71	0.421	4.06	1.00	10/21/14	DD	TO15	
Acrylonitrile	ND	0.461	ND	1.00	10/21/14	DD	TO15	
Benzene	ND	0.313	ND	1.00	10/21/14	DD	TO15	
Benzyl chloride	ND	0.193	ND	1.00	10/21/14	DD	TO15	

Client ID: SG 4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	10/21/14	DD	TO15
Bromoform	ND	0.097	ND	1.00	10/21/14	DD	TO15
Bromomethane	ND	0.258	ND	1.00	10/21/14	DD	TO15
Carbon Disulfide	ND	0.321	ND	1.00	10/21/14	DD	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	10/21/14	DD	TO15
Chlorobenzene	ND	0.217	ND	1.00	10/21/14	DD	TO15
Chloroethane	ND	0.379	ND	1.00	10/21/14	DD	TO15
Chloroform	ND	0.205	ND	1.00	10/21/14	DD	TO15
Chloromethane	ND	0.484	ND	1.00	10/21/14	DD	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Cyclohexane	ND	0.291	ND	1.00	10/21/14	DD	TO15
Dibromochloromethane	ND	0.117	ND	1.00	10/21/14	DD	TO15
Dichlorodifluoromethane	0.480	0.202	2.37	1.00	10/21/14	DD	TO15
Ethanol	7.51	0.531	14.1	1.00	10/21/14	DD	TO15 1
Ethyl acetate	0.310	0.278	1.12	1.00	10/21/14	DD	TO15 1
Ethylbenzene	0.580	0.230	2.52	1.00	10/21/14	DD	TO15
Heptane	0.330	0.244	1.35	1.00	10/21/14	DD	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	10/21/14	DD	TO15
Hexane	0.370	0.284	1.30	1.00	10/21/14	DD	TO15
Isopropylalcohol	ND	0.407	ND	1.00	10/21/14	DD	TO15
Isopropylbenzene	ND	0.204	ND	1.00	10/21/14	DD	TO15
m,p-Xylene	2.16	0.230	9.37	1.00	10/21/14	DD	TO15
Methyl Ethyl Ketone	0.570	0.339	1.68	1.00	10/21/14	DD	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	10/21/14	DD	TO15
Methylene Chloride	0.420	0.288	1.46	1.00	10/21/14	DD	TO15
n-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15 1
o-Xylene	1.00	0.230	4.34	1.00	10/21/14	DD	TO15
Propylene	ND	0.581	ND	1.00	10/21/14	DD	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15 1
Styrene	ND	0.235	ND	1.00	10/21/14	DD	TO15
Tetrachloroethene	0.420	0.037	2.85	0.25	10/21/14	DD	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	10/21/14	DD	TO15 1
Toluene	0.990	0.266	3.73	1.00	10/21/14	DD	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Trichloroethene	ND	0.047	ND	0.25	10/21/14	DD	TO15
Trichlorofluoromethane	0.300	0.178	1.68	1.00	10/21/14	DD	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	10/21/14	DD	TO15
Vinyl Chloride	ND	0.098	ND	0.25	10/21/14	DD	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	105	%	105	%	10/21/14	DD	TO15

Client ID: SG 4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

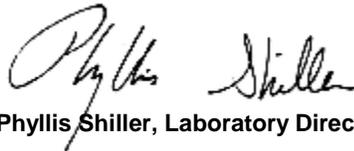
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 23, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 23, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: AIR  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date      Time  
 10/17/14      12:29  
 10/20/14      17:01

## Laboratory Data

SDG ID: GBH29608  
 Phoenix ID: BH29609

Project ID: 771-781 METROPOLITAN AVE  
 Client ID: SG 5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
<b>Volatiles (TO15)</b>								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15	1
1,1,1-Trichloroethane	0.200	0.183	1.09	1.00	10/21/14	DD	TO15	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	10/21/14	DD	TO15	
1,1-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15	
1,1-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	10/21/14	DD	TO15	
1,2,4-Trimethylbenzene	1.20	0.204	5.90	1.00	10/21/14	DD	TO15	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	10/21/14	DD	TO15	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,2-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15	
1,2-dichloropropane	ND	0.216	ND	1.00	10/21/14	DD	TO15	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	10/21/14	DD	TO15	
1,3,5-Trimethylbenzene	0.340	0.204	1.67	1.00	10/21/14	DD	TO15	
1,3-Butadiene	ND	0.452	ND	1.00	10/21/14	DD	TO15	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,4-Dioxane	ND	0.278	ND	1.00	10/21/14	DD	TO15	
2-Hexanone(MBK)	ND	0.244	ND	1.00	10/21/14	DD	TO15	1
4-Ethyltoluene	0.300	0.204	1.47	1.00	10/21/14	DD	TO15	1
4-Isopropyltoluene	ND	0.182	ND	1.00	10/21/14	DD	TO15	1
4-Methyl-2-pentanone(MIBK)	0.610	0.244	2.50	1.00	10/21/14	DD	TO15	
Acetone	2.06	0.421	4.89	1.00	10/21/14	DD	TO15	
Acrylonitrile	ND	0.461	ND	1.00	10/21/14	DD	TO15	
Benzene	ND	0.313	ND	1.00	10/21/14	DD	TO15	
Benzyl chloride	ND	0.193	ND	1.00	10/21/14	DD	TO15	

Client ID: SG 5

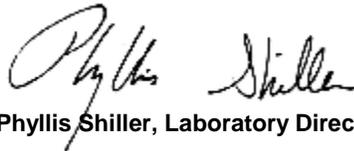
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	10/21/14	DD	TO15
Bromoform	ND	0.097	ND	1.00	10/21/14	DD	TO15
Bromomethane	ND	0.258	ND	1.00	10/21/14	DD	TO15
Carbon Disulfide	3.09	0.321	9.62	1.00	10/21/14	DD	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	10/21/14	DD	TO15
Chlorobenzene	ND	0.217	ND	1.00	10/21/14	DD	TO15
Chloroethane	ND	0.379	ND	1.00	10/21/14	DD	TO15
Chloroform	ND	0.205	ND	1.00	10/21/14	DD	TO15
Chloromethane	ND	0.484	ND	1.00	10/21/14	DD	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Cyclohexane	ND	0.291	ND	1.00	10/21/14	DD	TO15
Dibromochloromethane	ND	0.117	ND	1.00	10/21/14	DD	TO15
Dichlorodifluoromethane	10.3	0.202	50.9	1.00	10/21/14	DD	TO15
Ethanol	9.21	0.531	17.3	1.00	10/21/14	DD	TO15
Ethyl acetate	0.570	0.278	2.05	1.00	10/21/14	DD	TO15
Ethylbenzene	0.600	0.230	2.60	1.00	10/21/14	DD	TO15
Heptane	2.22	0.244	9.09	1.00	10/21/14	DD	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	10/21/14	DD	TO15
Hexane	0.630	0.284	2.22	1.00	10/21/14	DD	TO15
Isopropylalcohol	ND	0.407	ND	1.00	10/21/14	DD	TO15
Isopropylbenzene	ND	0.204	ND	1.00	10/21/14	DD	TO15
m,p-Xylene	2.19	0.230	9.50	1.00	10/21/14	DD	TO15
Methyl Ethyl Ketone	0.450	0.339	1.33	1.00	10/21/14	DD	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	10/21/14	DD	TO15
Methylene Chloride	0.370	0.288	1.28	1.00	10/21/14	DD	TO15
n-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15
o-Xylene	1.02	0.230	4.43	1.00	10/21/14	DD	TO15
Propylene	1.86	0.581	3.20	1.00	10/21/14	DD	TO15
sec-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15
Styrene	ND	0.235	ND	1.00	10/21/14	DD	TO15
Tetrachloroethene	0.270	0.037	1.83	0.25	10/21/14	DD	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	10/21/14	DD	TO15
Toluene	0.910	0.266	3.43	1.00	10/21/14	DD	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Trichloroethene	ND	0.047	ND	0.25	10/21/14	DD	TO15
Trichlorofluoromethane	2.43	0.178	13.6	1.00	10/21/14	DD	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	10/21/14	DD	TO15
Vinyl Chloride	ND	0.098	ND	0.25	10/21/14	DD	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	106	%	106	%	10/21/14	DD	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**October 23, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

October 23, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.  
 Environmental Business Consultants  
 1808 Middle Country Rd  
 Ridge NY 11961-2406

## Sample Information

Matrix: AIR  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date Time  
 10/17/14 12:07  
 10/20/14 17:01

## Laboratory Data

SDG ID: GBH29608  
 Phoenix ID: BH29610

Project ID: 771-781 METROPOLITAN AVE  
 Client ID: SG 6

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
<b>Volatiles (TO15)</b>								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15	1
1,1,1-Trichloroethane	0.270	0.183	1.47	1.00	10/21/14	DD	TO15	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	10/21/14	DD	TO15	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	10/21/14	DD	TO15	
1,1-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15	
1,1-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	10/21/14	DD	TO15	
1,2,4-Trimethylbenzene	1.28	0.204	6.29	1.00	10/21/14	DD	TO15	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	10/21/14	DD	TO15	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,2-Dichloroethane	ND	0.247	ND	1.00	10/21/14	DD	TO15	
1,2-dichloropropane	ND	0.216	ND	1.00	10/21/14	DD	TO15	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	10/21/14	DD	TO15	
1,3,5-Trimethylbenzene	0.340	0.204	1.67	1.00	10/21/14	DD	TO15	
1,3-Butadiene	ND	0.452	ND	1.00	10/21/14	DD	TO15	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	10/21/14	DD	TO15	
1,4-Dioxane	ND	0.278	ND	1.00	10/21/14	DD	TO15	
2-Hexanone(MBK)	ND	0.244	ND	1.00	10/21/14	DD	TO15	1
4-Ethyltoluene	0.270	0.204	1.33	1.00	10/21/14	DD	TO15	1
4-Isopropyltoluene	ND	0.182	ND	1.00	10/21/14	DD	TO15	1
4-Methyl-2-pentanone(MIBK)	0.570	0.244	2.33	1.00	10/21/14	DD	TO15	
Acetone	2.14	0.421	5.08	1.00	10/21/14	DD	TO15	
Acrylonitrile	ND	0.461	ND	1.00	10/21/14	DD	TO15	
Benzene	ND	0.313	ND	1.00	10/21/14	DD	TO15	
Benzyl chloride	ND	0.193	ND	1.00	10/21/14	DD	TO15	

Client ID: SG 6

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	10/21/14	DD	TO15
Bromoform	ND	0.097	ND	1.00	10/21/14	DD	TO15
Bromomethane	ND	0.258	ND	1.00	10/21/14	DD	TO15
Carbon Disulfide	ND	0.321	ND	1.00	10/21/14	DD	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	10/21/14	DD	TO15
Chlorobenzene	ND	0.217	ND	1.00	10/21/14	DD	TO15
Chloroethane	ND	0.379	ND	1.00	10/21/14	DD	TO15
Chloroform	0.260	0.205	1.27	1.00	10/21/14	DD	TO15
Chloromethane	ND	0.484	ND	1.00	10/21/14	DD	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Cyclohexane	ND	0.291	ND	1.00	10/21/14	DD	TO15
Dibromochloromethane	ND	0.117	ND	1.00	10/21/14	DD	TO15
Dichlorodifluoromethane	2.67	0.202	13.2	1.00	10/21/14	DD	TO15
Ethanol	8.63	0.531	16.2	1.00	10/21/14	DD	TO15 1
Ethyl acetate	0.630	0.278	2.27	1.00	10/21/14	DD	TO15 1
Ethylbenzene	0.460	0.230	2.00	1.00	10/21/14	DD	TO15
Heptane	ND	0.244	ND	1.00	10/21/14	DD	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	10/21/14	DD	TO15
Hexane	1.09	0.284	3.84	1.00	10/21/14	DD	TO15
Isopropylalcohol	ND	0.407	ND	1.00	10/21/14	DD	TO15
Isopropylbenzene	ND	0.204	ND	1.00	10/21/14	DD	TO15
m,p-Xylene	1.97	0.230	8.55	1.00	10/21/14	DD	TO15
Methyl Ethyl Ketone	0.680	0.339	2.00	1.00	10/21/14	DD	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	10/21/14	DD	TO15
Methylene Chloride	1.19	0.288	4.13	1.00	10/21/14	DD	TO15
n-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15 1
o-Xylene	0.950	0.230	4.12	1.00	10/21/14	DD	TO15
Propylene	ND	0.581	ND	1.00	10/21/14	DD	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	10/21/14	DD	TO15 1
Styrene	ND	0.235	ND	1.00	10/21/14	DD	TO15
Tetrachloroethene	6.33	0.037	42.9	0.25	10/21/14	DD	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	10/21/14	DD	TO15 1
Toluene	0.690	0.266	2.60	1.00	10/21/14	DD	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	10/21/14	DD	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	10/21/14	DD	TO15
Trichloroethene	ND	0.047	ND	0.25	10/21/14	DD	TO15
Trichlorofluoromethane	4.87	0.178	27.3	1.00	10/21/14	DD	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	10/21/14	DD	TO15
Vinyl Chloride	ND	0.098	ND	0.25	10/21/14	DD	TO15
<b><u>QA/QC Surrogates</u></b>							
% Bromofluorobenzene	103	%	103	%	10/21/14	DD	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

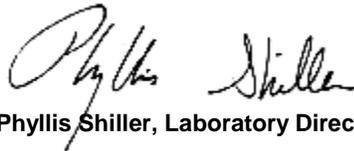
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**October 23, 2014**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823



# QA/QC Report

October 23, 2014

## QA/QC Data

SDG I.D.: GBH29608

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 289982, QC Sample No: BH29609 (BH29608, BH29609, BH29610)										
<b>Volatiles</b>										
1,1,1,2-Tetrachloroethane	ND	ND	136	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	111	1.09	1.25	0.200	0.230	14.0	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	128	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	118	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	114	5.90	6.24	1.20	1.27	5.7	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	123	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	108	1.67	1.72	0.340	0.350	2.9	70 - 130	20
1,3-Butadiene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	125	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	119	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	110	1.47	1.13	0.300	0.230	26.4	70 - 130	20
4-Isopropyltoluene	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	105	2.50	2.54	0.610	0.620	1.6	70 - 130	20
Acetone	ND	ND	102	4.89	4.77	2.06	2.01	2.5	70 - 130	20
Acrylonitrile	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Benzyl chloride	ND	ND	>140	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	>140	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	92	9.62	9.34	3.09	3.00	3.0	70 - 130	20
Carbon Tetrachloride	ND	ND	120	ND	ND	ND	ND	NC	70 - 130	20
Chlorobenzene	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	ND	89	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	ND	129	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	95	50.9	56.8	10.3	11.5	11.0	70 - 130	20
Ethanol	ND	ND	96	17.3	18.0	9.21	9.59	4.0	70 - 130	20

## QA/QC Data

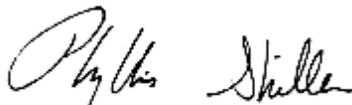
SDG I.D.: GBH29608

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	115	2.05	2.02	0.570	0.560	1.8	70 - 130	20
Ethylbenzene	ND	ND	112	2.60	2.60	0.600	0.600	0.0	70 - 130	20
Heptane	ND	ND	104	9.09	8.97	2.22	2.19	1.4	70 - 130	20
Hexachlorobutadiene	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	99	2.22	1.27	0.630	0.360	54.5	70 - 130	20
Isopropylalcohol	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Isopropylbenzene	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	115	9.50	9.68	2.19	2.23	1.8	70 - 130	20
Methyl Ethyl Ketone	ND	ND	108	1.33	1.24	0.450	0.420	6.9	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	123	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	120	1.28	1.22	0.370	0.350	5.6	70 - 130	20
n-Butylbenzene	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	109	4.43	4.60	1.02	1.06	3.8	70 - 130	20
Propylene	ND	ND	91	3.20	3.08	1.86	1.79	3.8	70 - 130	20
sec-Butylbenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	116	1.83	2.24	0.270	0.330	20.0	70 - 130	20
Tetrahydrofuran	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	112	3.43	3.43	0.910	0.910	0.0	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	>140	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	120	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	96	13.6	14.1	2.43	2.51	3.2	70 - 130	20
Trichlorotrifluoroethane	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	103	103	103	106	107	106	107	0.9	70 - 130	20

I = This parameter is outside laboratory lcs/lcsd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCS D - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 October 23, 2014

# Sample Criteria Exceedences Report

## GBH29608 - EBC

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD

AIR ANALYSES

800-827-5426

email: [greg@phoenixlabs.com](mailto:greg@phoenixlabs.com)

P.O. #

Page 1 of 1

Data Delivery:

Fax #:

Email: *File*

Phone #: *1631504-6000*

Report to: *Charles Sosik*  
 Customer: *EBC*  
 Address: *1808 Middle Country Rd*  
*Ridge NY 11961*

Invoice to: *EBC*  
 Project Name: *771-781 Metropolitan Ave, Brooklyn, NY*  
 Requested Deliverable: RCP  ASP CAT B   
 MCP  NJ Deliverables   
 State where samples collected: *NY*

Sampled by: *Reuben Levinson & Kevin Waters*  
 Ambient/Indoor Air MATRIX

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	ANALYSES	
													Soil Gas	Grab (G) Composite (C)
291008	SG-4	479	6.0	-3.0	0	5039V42		10.24	12.10	10-17-14	-30+	-4.8	X	X
291009	SG-5	492			0	5356V1		10.26	12.29		-30+	-8.0	X	X
291010	SG-6	218			-3	4954V1		10.26	12.07		-30+	-5.5	X	X
	not used	457				5710V1								
	6L 2HR													

Relinquished by: *[Signature]* Date: *10/16/14*  
 Accepted by: *[Signature]* Date: *10/20/14*  
 Data Format:  Excel  Equis  GISKey   
 PDF  Other

SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:  
*no black nipples on SUMA cans*  
 Requested Criteria  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.