

NYC Mayor's Office of Environmental Remediation

NYC Brownfield Cleanup Program

**Generic Template for
Remedial Investigation Report**

470 MANHATTAN AVENUE

BROOKLYN, NEW YORK

Remedial Investigation Report

OER Project Number: 16EH-A093K

NYC VCP Number: 16CVCP030K

Prepared for:

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LIST OF ACRONYMS

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

CERTIFICATION

I, Marc Godick, 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 470 Manhattan Avenue Site in Brooklyn, New York. 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.

Marc Godick

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

470 Manhattan Ave LLC plans to investigate and remediate a 31,450-square foot site located at 470 Manhattan Avenue in the Greenpoint section of Brooklyn, New York, herein referred to as “the Site”. The legal definition of the Site is Tax Block 2714 Lots 1, 30, 32, and 33. Residential use is proposed for the Site. The RI work was performed between September 28 and 30, 2015 and on October 9, 2015. 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).

Summary of Proposed Redevelopment Plan

The proposed development project consists of the demolition of the Site buildings and the construction of a seven-story building with mechanical space, amenities, and a lobby on the first floor, and 135 residential units above. Twenty percent of the residences will consist of affordable housing units. The 142,115-square foot proposed building will occupy the southern and western portion of the Site with 57 tenant parking spaces on the northern and eastern portions of the Site. Excavation is expected to extend to approximately 4 feet below grade at the location of the proposed building, to approximately 6 feet below grade at the location of the proposed covered parking garage, and to approximately 8 feet in the central portion of the Site for the installation of an elevator pit. A small landscaped area is proposed along the Eckford Street frontage of the building. The current zoning designation is M1-2/R6A (light manufacturing and residential), which is consistent with the proposed use. A layout for the proposed ground floor of the Site development is presented on Figure 2.

Summary of Past Uses of Site and Areas of Concern

Historic uses at the Site include unspecified manufacturing, sash and door storage and a woodworking shop associated with I. Feldman & Son Inc. Sash & Door Manufacturing, a metal container manufacturer, and an enameling works with a baking oven and spray booths on Lot 1; a garage and an unspecified factory on Lot 30; freight and motor freight storage with a gasoline tank on Lot 32; and a barrel shed, a carriage garage, and a cooperage on Lot 33. The surrounding area was developed historically with residential, commercial, educational, manufacturing, automotive, and woodworking uses.

The areas of concern (AOCs) identified for the Site include:

1. Lots 30, 32, and 33 contain (E) Designations for hazardous materials listed in the Department of City Planning (E) Designation database established as part of the rezoning of Williamsburg and Greenpoint.
2. A vent and fill pipe were observed on the northeastern exterior wall of the three-story residential building on Lot 1 fronting Eckford Street. A vaulted 3,000-gallon No. 2 fuel oil AST was observed in the basement of the residential building on Lot 1.
3. Historic fill may be present at the Site.
4. The surrounding area was developed historically with residential, commercial, educational, manufacturing, automotive, and woodworking uses, including the Joseph Goetz Manhattan Cabinet Works, I. Feldman Sash and Door Manufacturing, unspecified manufacturing and warehouses,

textile printing, cloth combining, a wire spring manufacturer, a cabinet finisher, a tin smith, a fuel oil company, a blacksmith, George N. Gardiner & Son Marine Paint Manufacturing, a beverage bottling, junk storage, Mesisel Danowitz & Company with associated planing and molding facilities, lumber storage and yards, kilns, cooperages, Atlantic Hardwood Company, an iron pipe warehouse, a metal works, lacquer spraying, a machine shed and shop, a motor grinder, a motor freight station, garages with gasoline tanks, trucking and parking facilities, tractor storage, a truck bay, and automotive repair, washing, and filling stations. Additionally, several properties in the surrounding area were listed in the Resource Conservation Recovery Act (RCRA), Petroleum Bulk Storage (PBS), Spills, (E) Designation, and Leaking Underground Storage Tank (LUST) databases. A groundwater monitoring well was observed east of the Site on the Graham Avenue sidewalk. The purpose of the monitoring well is not known, but may be related to current or historical off-site uses.

5. Historic on-site and off-site uses may have affected subsurface conditions at the Site.

Summary of the Work Performed under the Remedial Investigation

AKRF performed the following scope of work on behalf of 470 Manhattan Ave LLC:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed 10 soil borings across the Site, and collected 20 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed five groundwater monitoring wells at the Site and collected five groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed seven soil vapor probes at the Site and collected seven soil vapor samples and one ambient air sample for chemical analysis.

Photographs of the investigation are included as Appendix A.

Summary of Environmental Findings

1. The Site is relatively level and lies at an elevation of approximately 16 feet above sea level.
2. Depth to groundwater ranges from 10.0 to 12.3 feet below grade at the Site.
3. Groundwater is expected to flow generally from east to west towards the East River.
4. Bedrock was not encountered during the RI.
5. The stratigraphy of the Site, from the surface down, consists of approximately 12 feet of historic fill, characterized by sand, gravel, silt, concrete, asphalt, brick, and ash. Below the historic fill is a sand, gravel, and silt stratum to the termination of each boring.
6. Twenty soil samples were collected for laboratory analysis from soil borings SB-1 through SB-10. Soil sample analytical results were compared to NYSDEC 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Part 375 Soil Cleanup Objectives for Restricted-Residential Use (RRSCO). VOCs were detected in 16 of the 20 samples analyzed during the investigation. Acetone and benzene were detected above the respective UUSCOs but below the RRSCO in two soil samples. No other VOCs were detected above UUSCOs or RRSCO in any of the soil samples analyzed as part of the investigation.

SVOCs were detected in 19 of the 20 soil samples analyzed during the investigation. Total SVOC concentrations ranged between an estimated concentration of 1.98 mg/kg in soil sample SB-4 (4-6) and an estimated concentration of 291mg/kg in soil sample SB-10 (4-6). Four SVOCs [3-methylphenol/4-methylphenol, benzo(k)fluoranthene, chrysene, and phenol] were detected in at least one soil sample at concentrations exceeding the respective UUSCOs, but below the respective

RRSCOs. Seven SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene] were detected at concentrations ranging between 0.62 mg/kg and 21 mg/kg, exceeding the respective UUSCOs and RRSCOs. The SVOC exceedances were generally polycyclic aromatic hydrocarbons (PAHs), which are a class of compounds found in some petroleum products, coal ash, and in other combustion products that are commonly found in urban fill, which was observed in each of the soil borings advanced during the investigation.

Metals were detected in each of the 20 soil samples analyzed during the investigation. Metals exceedances of UUSCOs and RRSCOs were not detected in soil samples SB-4 (4-6) or SB-5 (4-6). Up to six metals were detected in 18 of the soil samples at concentrations exceeding respective UUSCOs, but below respective RRSCOs. The metals arsenic (maximum concentration of 39 mg/kg), cadmium (maximum concentration of 5.1 mg/kg), copper (maximum concentration of 8,500 mg/kg), lead (maximum concentration of 14,000 mg/kg), and mercury (maximum concentration of 7.6 mg/kg), were detected at concentrations exceeding respective UUSCOs and RRSCOs. The metals exceedances are most likely attributable to historic fill material observed in each of the soil borings during the investigation, which often contain highly variable concentrations of metals.

One PCB, Aroclor 1254, was detected at a low-level estimated concentration of 0.012 mg/kg, below the total PCB UUSCO and RRSCO. No other PCBs were detected in any of the soil samples analyzed during the investigation. The presence of Aroclor 1254 is most likely attributable to the presence of historic fill material observed in the soil boring, and is not indicative of a spill or a release.

Pesticides were detected in 10 of the 20 soil samples analyzed during the investigation. One pesticide, 4,4',-DDD, was detected at a concentration of 0.00434 mg/kg, exceeding the respective UUSCO, but below the respective RRSCO. No other pesticides were detected above the respective UUSCOs or RRSCOs in any of the soil samples. The presence of 4,4',-DDD is most likely attributable to the presence of historic fill material observed in the soil boring, and is not indicative of a spill or a release.

7. Five groundwater samples were collected for laboratory analysis from temporary groundwater monitoring wells GW-1 through GW-5. Groundwater sample analytical results were compared to the New York State 6 NYCRR Part 703.5 Class GA Ambient Water Quality Standards (AWQS). VOCs were detected in each of the five groundwater samples analyzed during the investigation. 1,1-Dichlorethane was detected in groundwater sample GW-4 at a concentration of 14 µg/L, above the respective AWQS of 5 µg/L. Methyl tert-butyl ether (MTBE) was detected in groundwater samples GW-1 and GW-5 at concentrations of 20 µg/L and 48 µg/L, respectively, which exceeded the AWQS of 10 µg/L. No other VOCs were detected above AWQS in any of the groundwater samples analyzed during the investigation.

SVOCs were detected in four of the five groundwater samples analyzed during the investigation. SVOCs were not detected in groundwater sample GW-4. Three SVOCs [benzo(a)anthracene, benzo(b)fluoranthene, and chrysene] were detected in groundwater sample GW-2 at estimated concentrations between 0.05 µg/L and 0.18 µg/L, exceeding the AWQS of 0.002 µg/L for these compounds. No other SVOCs were detected above AWQS in any of the groundwater samples analyzed during the investigation.

Metals were detected in each of the five groundwater samples analyzed during the investigation. Five metals (lead, magnesium, mercury, nickel, and sodium) were detected in the unfiltered samples at concentrations exceeding the respective AWQS. Of these, magnesium and sodium were detected in the filtered groundwater samples exceeding the respective AWQS. The presence of the metals in the unfiltered groundwater samples is likely a result of sediment entrained in the samples, which was observed during groundwater sampling at each of the five groundwater monitoring well sampling

locations. The presence of these metals in the filtered groundwater samples are typical of groundwater quality in Brooklyn and do not appear to be related to a spill or release at the Site.

PCBs were not detected in any of the groundwater samples analyzed during the investigation.

Pesticides were detected in two of the five groundwater samples analyzed during the investigation. 4,4'-DDT was detected at a low-level estimated concentration in groundwater sample GW-2. Chlordane was detected at an estimated concentration of 0.116 µg/L in groundwater sample GW-4, above the respective AWQS of 0.05 µg/L. No other pesticides were detected in the groundwater samples analyzed during the investigation.

8. Seven soil vapor samples were collected for laboratory analysis from soil vapor points SV-1 through SV-7. Soil vapor sample analytical results were compared to the NYSDOH 2006 Guidance for Evaluating Soil Vapor Intrusion soil vapor intrusion air guidance values (AGVs) and matrices, the September 2013 NYSDOH Fact Sheet update for tetrachloroethene (PCE), and the August 2015 NYSDOH Fact Sheet update for trichloroethene (TCE).

A review of the soil vapor sample analytical results identified 31 VOCs detected in the seven soil vapor samples. VOCs associated with petroleum [including benzene, toluene, ethylbenzene, xylenes (collectively referred to as BTEX), 1,3-butadiene, 2-butanone, 1,3-dichlorobenzene, 1,2,4- and 1,3,5-trimethylbenzene, 2-hexanone, chloroethane, chloromethane, cyclohexane, ethyl alcohol, heptane, tert-butyl alcohol, hexane, styrene, 4-ethyltoluene, and 2,2,4-trimethylpentane] were detected at individual concentrations up to 279 micrograms per cubic meter (µg/m³). Solvent-related VOCs [including acetone, carbon disulfide, carbon tetrachloride, chloroform, dichlorodifluoromethane, isopropyl alcohol, PCE, TCE, trans-1,2-dichloroethene, trichlorofluoromethane, 1,1,1-trichloroethane, and 1,1-dichloroethane] were detected at individual concentrations up to 2,580 µg/m³.

PCE was detected in six of the seven soil vapor samples at concentrations up to 22.4 µg/m³, below the respective AGV of 30 µg/m³. TCE was detected in soil vapor samples SV-1 and SV-6 at concentrations of 14.6 µg/m³ and 46 µg/m³, respectively, above the AGV of 2 µg/m³.

1.0 SITE BACKGROUND

470 Manhattan Ave LLC plans to investigate and remediate a 31,450-square foot site located at 470 Manhattan Avenue in the Greenpoint section of Brooklyn, New York. Residential use is proposed for the property. The RI work was performed on September 28 and 29, 2015 and on October 9, 2015. 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 470 Manhattan Avenue in the Greenpoint section in Brooklyn, New York and is identified as Block 2714 Lots 1, 30, 32, and 33 on the New York City Tax Map. Figure 1 shows the Site location. The Site is approximately 31,450 square feet and is bounded by residential buildings to the northeast, Eckford Street to the northwest, residential buildings to the east, Newton Street to the south, and Manhattan Avenue to the west. A map of the Site boundary is shown on Figure 2. The Site is currently a series of vacant undeveloped lots and vacant buildings.

1.2 Proposed Redevelopment Plan

The proposed development project consists of the demolition of the Site buildings and the construction of an at-grade seven-story building with mechanical space, amenities, and a lobby on the first floor, and 135 residential units above. Twenty percent of the residences will consist of affordable housing units. The 142,115-square foot proposed building will occupy the southern and western portion of the Site with 57 at-grade tenant parking spaces on the northern and eastern portions of the Site. Excavation is expected to extend to approximately 4 feet below grade at the location of the proposed building, to approximately 6 feet below grade at the location of the proposed covered parking garage, and to approximately 8 feet in the central portion of the Site for the installation of an elevator pit. A small landscaped area is proposed along the Eckford Street frontage of the building. The current zoning designation is M1-2/R6A (light manufacturing and residential), which is consistent with the proposed use. The proposed development plans are included as Appendix B. Proposed excavation for the new development is shown on Figure 4.

1.3 Description of Surrounding Property

The Site is approximately 31,450 square feet and is bounded by residential buildings to the northeast, Eckford Street to the northwest, residential buildings to the east, Newton Street to the south, and Manhattan Avenue to the west. The current zoning designation of the Site is M1-2/R6A (light manufacturing and residential). The surrounding area is primarily developed with residential, commercial, and manufacturing properties. Ericsson Playground and McCarren Park are located west of the Site across Manhattan Avenue. John Ericsson Middle School 126, Magnet School for Environmental Engineering, at 424 Leonard Street, is located approximately 270 feet southwest of the Site. Figure 3 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Historic uses at the Site include unspecified manufacturing, sash and door storage and a woodworking shop associated with I. Feldman & Son Inc. Sash & Door Manufacturing, a metal container manufacturer, and an enameling works with a baking oven and spray booths on Lot 1; a garage and an unspecified factory on Lot 30; freight and motor freight storage with a gasoline tank on Lot 32; and a barrel shed, a carriage garage, and a cooperage on Lot 33. Lots 30, 32, and 33 contain (E) Designations for hazardous materials listed in the Department of City Planning (E) Designation database established as part of the rezoning of Williamsburg and Greenpoint. The surrounding area was developed historically with residential, commercial, educational, manufacturing, automotive, and woodworking uses.

2.2 Previous Investigations

Phase I Environmental Site Assessment (ESA), 470 Manhattan Avenue, Brooklyn, New York, URS, Corporation, August 2013

URS Corporation performed a Phase I ESA for a portion of the Site in August 2013. The Phase I ESA included the findings of a reconnaissance, an evaluation of readily available historical information, and select environmental databases and electronic records.

This assessment revealed evidence of Recognized Environmental Conditions (RECs), including:

- Lot 33 at the Site contains an (E) Designation for hazardous materials listed in the Department of City Planning (E) Designation database established as part of the rezoning of nearby properties.
- The surrounding area was developed historically with manufacturing facilities, including an electroplating facility, dry cleaners, a steel company, and Mobil Oil Corporation. These properties were listed in multiple databases with open and closed-status spills, hazardous waste generation, soil and groundwater contamination and remediation, chemical and petroleum bulk storage, and leaking storage tanks.

Phase I ESA, 119-125 Newton Street, Brooklyn, New York, Hydrotech Environmental, Corp., April 2013

Hydrotech Environmental, Corp. performed a Phase I ESA for a portion of the Site in April 2003. The Phase I ESA included the findings of a reconnaissance, an evaluation of readily available historical information, and select environmental databases and electronic records.

This assessment revealed evidence of RECs, including:

- Lots 30 and 32 at the Site contain (E) Designations for hazardous materials listed in the Department of City Planning (E) Designation database established as part of the rezoning of nearby properties.
- There is the potential presence of underground storage tank(s) (USTs) at the Site based on historic Sanborn maps from 1942-2007.
- This portion of the Site was developed historically with a garage, a metal fabrication shop, and a scrap metal yard.

Environmental Summary Report, 470 Manhattan Avenue, Block 2714, Lots 1, 30, 32, and 33, Brooklyn, New York, AKRF, Inc., September 2015

AKRF, Inc. (AKRF) prepared an Environmental Summary Report of the Site in September 2015. The Environmental Summary Report included the findings of a reconnaissance of the Site, an evaluation of historical Sanborn insurance maps, and select environmental databases from previous reports completed for the Site.

This assessment revealed evidence of RECs, including:

- Lots 30, 32, and 33 at the Site contain an (E) Designation for hazardous materials listed in the Department of City Planning (E) Designation database established as part of the rezoning of Williamsburg and Greenpoint.
- Historic uses at the Site include unspecified manufacturing, sash and door storage and a woodworking shop associated with I. Feldman & Son Inc. Sash & Door Manufacturing, a metal container manufacturer, and an enameling works with a baking oven and spray booths on Lot 1; a garage and an unspecified factory on Lot 30; freight and motor freight storage with a gasoline tank on Lot 32; and a barrel shed, a carriage garage, and a cooperage on Lot 33. These historic uses may have affected subsurface conditions at the Site.
- A vent pipe and fill port were observed on the northeastern exterior wall of the three-story residential building on Lot 1 fronting Eckford Street. The fill port was labeled “No. 2” (fuel oil). Minor staining was observed around the fill port. An oil burner switch was observed on the wall of the remaining portion of the building on Lot 30; however, no evidence of a tank was observed. Undocumented discharges from petroleum storage and/or usage may have affected subsurface conditions at the Site.
- The surrounding area was developed historically with residential, commercial, educational, manufacturing, automotive, and woodworking uses, including the Joseph Goetz Manhattan Cabinet Works, I. Feldman Sash & Door Manufacturing, unspecified manufacturing and warehouses, textile printing, cloth combining, a wire spring manufacturer, a cabinet finisher, a tin smith, a fuel oil company, a blacksmith, the George N. Gardiner & Son Marine Paint Manufacturer, a beverage bottling, junk storage, Mesisel Danowitz & Company with associated planing and molding facilities, lumber storage and yards, kilns, cooperages, Atlantic Hardwood Company, an iron pipe warehouse, a metal works, lacquer spraying, a machine shed and shop, a motor grinder, a motor freight station, garages with gasoline tanks, trucking and parking facilities, tractor storage, a truck bay, and automotive repair, washing, and filling stations. Additionally, several properties in the surrounding area were listed in the Resource Conservation Recovery Act (RCRA), Petroleum Bulk Storage (PBS), Spills, (E) Designation, and Leaking Underground Storage Tank (LUST) databases. A groundwater monitoring well was observed east of the Site on the Graham Avenue sidewalk. The purpose of the monitoring well is not known, but may be related to current or historical off-site uses. These past and/or present uses may have affected subsurface conditions at the Site.

2.3 Site Inspection

Amy Jordan of AKRF conducted a Site inspection on September 21, 2015. At the time of inspection, Lots 32 and 33 at the Site were vacant lots. Lot 30 was occupied by a partial former residential building in the process of being demolished. Lot 1 was inaccessible at the time of inspection and was developed with a three-story residential building with a cellar, a one-story commercial building occupied by Quick Fitness, and a concrete-paved courtyard area. The Site was fenced and locked. A vent pipe and a fill port were observed on the northeastern exterior wall of the three-story residential building on Lot 1 fronting Eckford Street. The fill port was labeled “No. 2” (fuel oil). Minor staining was observed around the fill port. An oil burner switch

was observed on the wall of the remaining portion of the building on Lot 30; however, no evidence of a tank was observed.

Amy Jordan conducted an additional inspection of Lot 1 on October 9, 2015. A vaulted 3,000-gallon No. 2 fuel oil aboveground storage tank (AST) was observed in the basement of the residential building on Lot 1. No evidence of staining or odors were observed; however, the tank vault was not accessed due to safety concerns.

2.4 Areas of Concern

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

1. The areas of concern (AOCs) identified for the Site include:
2. Lots 30, 32, and 33 contain (E) Designations for hazardous materials listed in the Department of City Planning (E) Designation database established as part of the rezoning of Williamsburg and Greenpoint.
3. A vent and fill pipe were observed on the northeastern exterior wall of the three-story residential building on Lot 1 fronting Eckford Street. A vaulted 3,000-gallon No. 2 fuel oil AST was observed in the basement of the residential building on Lot 1.
4. Historic fill may be present at the Site.
5. The surrounding area was developed historically with residential, commercial, educational, manufacturing, automotive, and woodworking uses, including the Joseph Goetz Manhattan Cabinet Works, I. Feldman Sash and Door Manufacturing, unspecified manufacturing and warehouses, textile printing, cloth combining, a wire spring manufacturer, a cabinet finisher, a tin smith, a fuel oil company, a blacksmith, George N. Gardiner & Son Marine Paint Manufacturing, a beverage bottling, junk storage, Mesisel Danowitz & Company with associated planing and molding facilities, lumber storage and yards, kilns, cooperages, Atlantic Hardwood Company, an iron pipe warehouse, a metal works, lacquer spraying, a machine shed and shop, a motor grinder, a motor freight station, garages with gasoline tanks, trucking and parking facilities, tractor storage, a truck bay, and automotive repair, washing, and filling stations. Additionally, several properties in the surrounding area were listed in the Resource Conservation Recovery Act (RCRA), Petroleum Bulk Storage (PBS), Spills, (E) Designation, and Leaking Underground Storage Tank (LUST) databases. A groundwater monitoring well was observed east of the Site on the Graham Avenue sidewalk. The purpose of the monitoring well is not known, but may be related to current or historical off-site uses.
6. Historic on-site and off-site uses may have affected subsurface conditions at the Site.

Previous reports are included as Appendix C.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Project Director responsible for preparation of this RIR is Marc Godick, LEP, of AKRF. Mr. Godick also serves as the Quality Assurance Officer. The Site Safety Officers and Environmental Scientists are Amy Jordan and Kevin Hennigan, both of AKRF.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and Occupational Safety and Health Administration (OSHA) worker safety requirements and Hazardous Waste Operations and Emergency Response (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

AKRF performed the following scope of work on behalf of 470 Manhattan Ave LLC:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed 10 soil borings across the Site, and collected 20 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed five groundwater monitoring wells at the Site and collected five groundwater samples for chemical analysis to evaluate groundwater quality; and
4. Installed seven soil vapor probes at the Site and collected seven soil vapor samples and one ambient air sample for chemical analysis.

Photographs of the investigation are included as Appendix A.

4.1 Borings and Monitoring Wells

4.1.1 Drilling and Soil Logging

Between September 29 and 30, 2015 and on October 9, 2015, AKRF advanced ten soil borings (SB-1 through SB-10) at the locations shown on Figure 2. Soil borings SB-1 through SB-8 were advanced using a track mounted Geoprobe® Direct-Push Probe (DPP) drill rig. Soil borings SB-9 and SB-10 were advanced using a remote Geoprobe® Direct-Push Probe (DPP) drill rig due to access limitations. These locations were selected to obtain a representative sampling of the area of proposed soil disturbance anticipated during redevelopment of the Site. Utility mark outs were requested from the New York City/Long Island One Call Center prior to the commencement of drilling.

Soil borings SB-1 through SB-6 and SB-8 through SB-10 were advanced to approximately 6 feet below grade, approximately 2 feet below the anticipated depth of the proposed building foundation. Soil boring SB-7 was advanced to approximately 10 feet below grade at the location of the proposed elevator pit, approximately 2 feet below the anticipated depth of excavation. At each boring, AKRF field personnel prepared DER-10 compliant boring logs and screened the soil samples using headspace analysis during borehole advancement for organic vapors with a photoionization detector (PID) and evaluated for visual and olfactory impacts prior to collecting environmental samples. All field work was recorded in a field log.

Soil cores were obtained in a stainless steel, macro-core sampler with an internal acetate liner. In accordance with OER's standard protocols, two discrete (grab) samples and two composite samples were selected for laboratory analysis from each of the borings: one sample from the upper 2 feet of soil and one from the 2-foot interval at the bottom of the proposed excavation depth, approximately 4 to 6 feet below grade. At the location of the proposed elevator pit, the bottom sample depth was collected at approximately 8 to 10 feet below grade.

Soil boring logs are attached as Appendix D. A map showing the locations of the soil borings is included as Figure 2.

4.1.2 Groundwater Monitoring Well Construction

Groundwater samples were collected from five borings by installing one-inch temporary PVC well points and sampled using low-flow sampling techniques. The PVC well points were installed approximately 5 feet into the groundwater table and constructed with a 10-

foot section of screen. The temporary wells were purged of three to five times their volume prior to sampling using a peristaltic pump and dedicated polyethylene tubing. The samples were field screened for evidence of contamination (i.e., PID, odor, sheen). Sampling was conducted in accordance with NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation, dated May 2010, and Sampling Guidelines and Protocols, dated March 1991. Groundwater wells were gauged with a water level meter to record a depth to groundwater reading (1/100 foot).

A map showing the locations of the temporary groundwater monitoring wells is included as Figure 2. Temporary groundwater monitoring well construction logs are included as Appendix E. Temporary groundwater monitoring well data is provided in Table 10.

4.1.3 Survey

All soil, groundwater, and soil vapor sample locations were measured off of fixed-points in the field and are shown on Figure 2.

4.1.4 Water Level Measurement

Groundwater levels were recorded from temporary groundwater monitoring wells GW-1, GW-2, GW-3, and GW-5 on September 30, 2015 and from temporary groundwater monitoring well GW-4 on October 9, 2015 using a Solinst 122 oil/water interface probe. The measurements were taken from grade. Groundwater beneath the Site was encountered between 10.0 feet and 12.3 feet below grade.

4.2 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all AOCs and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater, and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples and composite soil 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.

4.2.1 Soil Sampling

Twenty soil samples were collected for chemical analysis during this RI. In accordance with OER's standard protocols, one soil sample was taken from the upper two feet of soil and one soil sample was taken from the two-foot interval at the bottom of the proposed excavation depth, approximately 4 to 6 feet below grade. Slightly elevated PID readings up to 17 parts per million (ppm) were identified in soil boring SB-7. No other PID readings were detected in the soil borings advanced during the RI.

Sample containers were labeled and placed in ice-filled coolers and shipped to the laboratory via courier with appropriate chain-of-custody documentation. Soil samples selected for laboratory analysis were submitted to Alpha Analytical Laboratories (Alpha) of Westborough, Massachusetts, a New York State Department of Health (NYSDOH)-certified laboratory for volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides by EPA Method 8081, polychlorinated biphenyls (PCBs) by EPA Method 8082, and Target Analyte List (TAL) metals (6000/7000 series). Two trip blanks were included with the sample

shipments for quality assurance/quality control (QA/QC) purposes and were analyzed for VOCs by EPA Method 8260.

Data on soil sample collection for chemical analyses, including dates of collection and sample depths are reported in Tables 1 through 4 and on the soil boring logs presented as Appendix D. The soil boring locations are shown on Figure 2.

4.2.2 Groundwater Sampling

On September 30, 2015, one groundwater sample was collected from temporary groundwater monitoring wells GW-1, GW-2, GW-3, and GW-5, and on October 9, 2015, one groundwater sample was collected from temporary groundwater monitoring well GW-4. Groundwater samples were collected using low-flow sampling techniques utilizing a peristaltic pump and dedicated polyethylene tubing.

Sample containers were labeled and placed in an ice-filled cooler and shipped to the laboratory via courier with appropriate chain-of-custody documentation. Samples were analyzed by Alpha, a NYSDOH-certified laboratory, for VOCs using EPA Method 8260, SVOCs using EPA Method 8270, pesticides using EPA Method 8081, PCBs using EPA Method 8082, and TAL metals (6000/7000 series). The groundwater analyses for metals were conducted on both filtered and unfiltered samples. Two trip blanks were included with the sample shipments for QA/QC purposes and were analyzed for VOCs by EPA Method 8260.

Groundwater sample collection data is reported in Tables 5 through 8. The temporary groundwater monitoring well locations are shown on Figure 2.

4.2.3 Soil Vapor Sampling

Seven soil vapor probes were installed to depths of approximately 4.5 feet below grade and seven soil vapor samples and one ambient air sample were collected for chemical analysis during this RI. Methodologies used for soil vapor assessment conform to the NYSDOH Final Guidance on Soil Vapor Intrusion, October 2006.

On September 30, 2015, soil vapor samples SV-1, SV-2, SV-3, and SV-6 were collected, and on October 9, 2015, soil vapor samples SV-4, SV-5, and SV-7 were collected. Prior to collection, each sampling point was purged of three sample volumes using a peristaltic pump at a flow rate of approximately 0.1 liters/minute. During purging, an inverted bucket was placed over each sampling point and helium gas was introduced through a small hole in the bucket to saturate the atmosphere around the sample port. Purged vapors were collected in a Tedlar bag and field-screened for organic vapors using a PID. The purged air was monitored using a portable helium detector to check for short-circuiting of ambient air into the vapor sampling point. All soil vapor points passed the seal integrity tests. PID readings were recorded at all soil vapor sampling locations ranging from 4 to 60 ppm.

After purging, each probe was connected via Teflon-lined polyethylene tubing to a laboratory-supplied 2.7-liter SUMMA canister equipped with a flow regulator set to collect a sample over a two-hour sampling period. Immediately after opening the flow control valve, the initial SUMMA canister vacuum (inches of mercury) was noted. After approximately two hours, the flow controller valve was closed, the final vacuum noted, and the canister placed in a shipping carton for delivery to Alpha for analysis of VOCs via EPA Method TO-15. Flow rate during sample collection did not exceed 0.2 liters/minute. Each Summa canister was labeled to identify the sample identification, date, time, and vacuum readings. The identification numbers for both the Summa

canister and flow controller were noted on the chain-of-custody documentation and the samples were transported by courier directly to Alpha's Westborough, Massachusetts laboratory. Ambient air sample AA-1 was collected on September 30, 2015 concurrently with the soil vapor samples for analysis of VOCs via EPA Method TO-15 for QA/QC purposes.

Soil vapor sample collection data is reported in Table 9. Soil vapor and ambient air sampling logs are included as Appendix F. The soil vapor and ambient air sampling locations are shown on Figure 2.

4.2.4 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 Marc Godick.
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was Alpha Analytical Laboratories of Westborough, Massachusetts.
Chemical Analytical Methods	<p>Soil analytical methods:</p> <ul style="list-style-type: none"> • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • PCBs by EPA Method 8082A (rev. 2000); • Pesticides by EPA Method 8081B (rev. 2000); • TAL Metals by EPA Method 6010C (rev. 2007); <p>Groundwater analytical methods:</p> <ul style="list-style-type: none"> • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • PCBs by EPA Method 8082A (rev. 2000); • Pesticides by EPA Method 8081B (rev. 2000); • TAL Metals by EPA Method 6010C (rev. 2007); and <p>Soil vapor analytical methods:</p> <ul style="list-style-type: none"> • VOCs by EPA Method TO-15.

4.2.5 Quality Assurance/Quality Control (QA/QC) Sampling

QA/QC procedures were used to provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the sampling and analysis for this investigation. Field QA/QC procedures were used (1) to document that samples are representative of actual conditions at the Site and (2) to identify possible cross-contamination from field activities or sample transit. Laboratory QA/QC procedures and analyses were used to demonstrate whether analytical results have been biased either by interfering compounds in the sample matrix, or by laboratory techniques that may have introduced systematic or random errors to the analytical process.

QA/QC samples were analyzed at an ELAP-certified laboratory. QA/QC sampling consisted of the following:

- Two aqueous trip blank samples; and

- One ambient air sample.

QA/QC samples were submitted with the collected samples. The trip blank samples were submitted for laboratory analysis for VOCs by EPA Method 8260. The ambient air sample was submitted for laboratory analysis for VOCs by EPA Method TO-15. No VOCs were detected in either of the trip blanks. Low-level concentrations of VOCs were detected in the ambient air sample.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

5.1.1 Stratigraphy

The stratigraphy of the Site, from the surface down, consists of approximately 8 to 12 feet of historic fill characterized by sand with varying amounts of gravel, silt, concrete, asphalt, brick, and ash underlain by apparent native sand, gravel, and silt to the termination of each boring. Bedrock was not encountered during the investigation.

5.1.2 Hydrogeology

The average depth to groundwater was 10.9 feet below grade and the range in depth was 10.0 to 12.3 feet below grade. Depth to groundwater measurements collected during the RI are shown on Figure 6.

5.2 Soil Chemistry

Twenty soil samples were collected for laboratory analysis from soil borings SB-1 through SB-10. Soil sample analytical results were compared to NYSDEC 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Part 375 Soil Cleanup Objectives for Restricted-Residential Use (RRSCOs). The complete laboratory analytical data sheets are provided in Appendix G. Analytical results of the soil samples are summarized in Tables 1 through 4. Exceedances of applicable standards are noted on the tables in bold font and grey shading. Figure 5 shows the locations and concentrations of soil/fill that exceed UUSCOs and RRSCOs.

5.2.1 Volatile Organic Compounds (VOCs)

VOCs were detected in 16 of the 20 samples analyzed during the investigation. Acetone and benzene were detected above the respective UUSCOs but below the RRSCOs in soil samples SB-8 (5-6)G and SB-5 (5-6)G, respectively. No other VOCs were detected above UUSCOs or RRSCOs in any of the soil samples analyzed as part of the investigation.

Soil analytical results for VOCs are presented in Table 1.

5.2.2 Semivolatile Organic Compounds (SVOCs)

SVOCs were detected in 19 of the 20 soil samples analyzed during the investigation. Twenty-nine SVOCs were detected in at least one of the soil samples at concentrations ranging between an estimated concentration of 0.053 milligrams per kilogram (mg/kg) and 21 mg/kg. Total SVOC concentrations ranged between 0.1 mg/kg in soil sample SB-5 (4-6) and 291mg/kg in soil sample SB-10 (4-6). Four SVOCs [3-methylphenol/4-methylphenol, benzo(k)fluoranthene, chrysene, and phenol] were detected in at least one soil sample at concentrations exceeding the respective UUSCOs, but below the respective RRSCOs. Seven SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene] were detected in ten of the soil samples at concentrations ranging between 0.62 mg/kg and 21 mg/kg, exceeding the respective UUSCOs and RRSCOs. The SVOC exceedances were generally polycyclic aromatic hydrocarbons (PAHs), which are a class of compounds found in some petroleum products, coal ash, and in other combustion products that are commonly found in urban fill, which was observed in each of the soil borings advanced during the investigation.

Soil analytical results for SVOCs are presented in Table 2 and exceedances of the SCOs are presented on Figure 5.

5.2.3 Metals

Metals were detected in each of the 20 soil samples analyzed during the investigation. Twenty-two metals were detected in at least one of the soil samples at concentrations ranging between an estimated concentration of 0.04 mg/kg and 14,000 mg/kg. Metals exceedances of UUSCOs and RRSCOs were not detected in soil samples SB-4 (4-6) or SB-5 (4-6). Up to six metals were detected in 18 of the soil samples at concentrations exceeding respective UUSCOs, but below respective RRSCOs. The metals arsenic (maximum concentration of 39 mg/kg), cadmium (maximum concentration of 5.1 mg/kg), copper (maximum concentration of 8,500 mg/kg), lead (maximum concentration of 14,000 mg/kg), and mercury (maximum concentration of 7.6 mg/kg), were detected in 16 of the 20 soil samples at concentrations exceeding respective UUSCOs and RRSCOs. The metals exceedances are most likely attributable to historic fill material observed in each of the soil borings during the investigation, which often contain highly variable concentrations of metals.

Soil analytical results for metals are presented in Table 3 and exceedances of the SCOs are presented on Figure 5.

5.2.4 Polychlorinated Biphenyls (PCBs)

One PCB, Aroclor 1254, was detected in soil sample SB-6 (0-2) at a low-level estimated concentration of 0.012 mg/kg, below the total PCB UUSCO and RRSCO. No other PCBs were detected in any of the soil samples analyzed during the investigation. The presence of Aroclor 1254 is most likely attributable to the presence of historic fill material observed in the soil boring, and is not indicative of a spill or a release.

Soil analytical results for PCBs are presented in Table 4.

5.2.5 Pesticides

Pesticides were detected in 10 of the 20 soil samples analyzed during the investigation. Nine pesticides were detected in at least one of the soil samples at concentrations ranging between an estimated concentration of 0.00087 mg/kg and 0.052 mg/kg. One pesticide, 4,4,'-DDD, was detected in soil sample SB-6 (0-2) at a concentration of 0.00434 mg/kg, exceeding the respective UUSCO, but below the respective RRSCO. No other pesticides were detected above the respective UUSCOs or RRSCOs in any of the soil samples. The presence of 4,4,'-DDD is most likely attributable to the presence of historic fill material observed in the soil boring, and is not indicative of a spill or a release.

Soil analytical results for pesticides are presented in Table 4 and exceedances of the SCOs are presented on Figure 5.

Soil 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 1 through 4. The analytical methods summary is provided in Table 11. Figure 6 shows the locations and concentrations of soil/fill that exceed the UUSCOS and RRSCOs.

5.3 Groundwater Chemistry

Five groundwater samples were collected for laboratory analysis from temporary groundwater monitoring wells GW-1 through GW-5. Groundwater sample analytical results were compared to

the New York State 6 NYCRR Part 703.5 Class GA Ambient Water Quality Standards (AWQS). The complete laboratory analytical data sheets are provided in Appendix G. Analytical results of the groundwater samples are summarized in Tables 5 through 8. Exceedances of applicable standards are noted on the tables in bold font and grey shading. Figure 6 shows the locations and concentrations of groundwater that exceed the respective AWQS.

5.3.1 Volatile Organic Compounds (VOCs)

VOCs were detected in each of the five groundwater samples analyzed during the investigation. Four VOCs were detected in at least one of the groundwater samples at concentrations ranging between an estimated concentration of 0.32 micrograms per liter ($\mu\text{g/L}$) and 48 $\mu\text{g/L}$. 1,1-Dichlorethane was detected in groundwater sample GW-4 at a concentration of 14 $\mu\text{g/L}$, above the respective AWQS of 5 $\mu\text{g/L}$. Methyl tert-butyl ether (MTBE) was detected in groundwater samples GW-1 and GW-5 at concentrations of 20 $\mu\text{g/L}$ and 48 $\mu\text{g/L}$, respectively, above the AWQS of 10 $\mu\text{g/L}$. No other VOCs were detected above the AWQS in any of the groundwater samples analyzed during the investigation.

Groundwater analytical results for VOCs are presented in Table 5 and exceedances of AGVs shown on Figure 6.

5.3.2 Semivolatile Organic Compounds (SVOCs)

SVOCs were detected in four of the five groundwater samples analyzed during the investigation. SVOCs were not detected in groundwater sample GW-4. Nine SVOCs were detected in at least one of the groundwater samples at concentrations ranging between estimated concentrations of 0.05 $\mu\text{g/L}$ and 3 $\mu\text{g/L}$. Three SVOCs [benzo(a)anthracene, benzo(b)fluoranthene, and chrysene] were detected in groundwater sample GW-2 at concentrations ranging between an estimated concentration of 0.05 $\mu\text{g/L}$ and 0.18 $\mu\text{g/L}$, exceeding the AWQS of 0.002 $\mu\text{g/L}$ for these compounds. No other SVOCs were detected above AWQS in any of the groundwater samples analyzed during the investigation.

Groundwater analytical results for SVOCs are presented in Table 6 and exceedances of AGVs shown on Figure 6.

5.3.3 Metals

Metals were detected in each of the five groundwater samples analyzed during the investigation. Twenty-two metals were detected in at least one of the unfiltered groundwater samples (total metals analysis) and eighteen metals were detected in at least one of the filtered groundwater samples (dissolved metals analysis). Five metals (lead, magnesium mercury, nickel, and sodium) were detected in the unfiltered samples at concentrations exceeding the respective AWQS. Of these, magnesium and sodium were detected in the filtered groundwater samples exceeding the respective AWQS. The presence of the metals in the unfiltered groundwater samples is likely a result of sediment entrained in the samples, which was observed during groundwater sampling at each of the five groundwater monitoring well sampling locations. The presence of these metals in the filtered groundwater samples are typical of groundwater quality in Brooklyn and do not appear to be related to a spill or release at the Site.

Groundwater analytical results for metals are presented in Table 7 and exceedances of AGVs shown on Figure 6.

5.3.4 Polychlorinated Biphenyls (PCBs)

PCBs were not detected in any of the groundwater samples analyzed during the investigation.

Groundwater analytical results for PCBs are presented in Table 8 and exceedances of AGVs shown on Figure 6.

5.3.5 Pesticides

Pesticides were detected in two of the five groundwater samples analyzed during the investigation. 4,4'-DDT was detected at a low-level estimated concentration in groundwater sample GW-2. Chlordane was detected at an estimated concentration of 0.116 $\mu\text{g/L}$ in groundwater sample GW-4, above the respective AWQS of 0.05 $\mu\text{g/L}$. No other pesticides were detected in the groundwater samples analyzed during the investigation.

Groundwater analytical results for pesticides are presented in Table 8.

Groundwater data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Tables 5 through 8. Exceedances of applicable groundwater standards are shown in bold. Figure 6 shows the locations and concentrations of groundwater that exceed the NYSDEC Class GA AWQS.

5.4 Soil Vapor Chemistry

Seven soil vapor samples were collected for laboratory analysis from soil vapor points SV-1 through SV-7. Soil vapor sample analytical results were compared to the NYSDOH 2006 Guidance for Evaluating Soil Vapor Intrusion soil vapor intrusion air guidance values (AGVs) and matrices, the September 2013 NYSDOH Fact Sheet update for tetrachloroethene (PCE), and the August 2015 NYSDOH Fact Sheet update for trichloroethene (TCE). The complete laboratory analytical data sheets are provided as Appendix H. These values provide a means of comparison; however, since the AGVs are intended to be protective of indoor air, the comparison assumes that any soil vapor detected would completely penetrate into the building, a condition that does not typically occur. In addition, AGVs have only been established for five VOCs [carbon tetrachloride, methylene chloride, 1,1,1-trichloroethane (1,1,1-TCA), TCE, and PCE] and matrices have only been established for carbon tetrachloride, PCE, 1,1,1-TCA, TCE, vinyl chloride, 1,1-dichloroethene, and cis-1,2-dichloroethene. Analytical results of the soil vapor samples are summarized in Table 9. Exceedances of applicable standards are noted on the table in bold. Figure 6 shows the locations and concentrations of contaminants detected in soil vapor.

A review of the soil vapor sample analytical results identified 31 VOCs detected in the seven soil vapor samples. VOCs associated with petroleum [including benzene, toluene, ethylbenzene, xylenes (collectively referred to as BTEX), 1,3-butadiene, 2-butanone, 1,3-dichlorobenzene, 1,2,4- and 1,3,5-trimethylbenzene, 2-hexanone, chloroethane, chloromethane, cyclohexane, ethyl alcohol, tert-butyl alcohol, heptane, hexane, styrene, 4-ethyltoluene, and 2,2,4-trimethylpentane] were detected at concentrations up to 279 micrograms per cubic meter ($\mu\text{g/m}^3$). Solvent-related VOCs [including acetone, carbon disulfide, carbon tetrachloride, chloroform, dichlorodifluoromethane, isopropyl alcohol, PCE, TCE, trans-1,2-dichloroethene, trichlorofluoromethane, 1,1,1-trichloroethane, and 1,1-dichloroethane] were detected at concentrations up to 2,580 $\mu\text{g/m}^3$.

PCE was detected in six of the seven soil vapor samples at concentrations up to 22.4 $\mu\text{g/m}^3$, below the respective AGV of 30 $\mu\text{g/m}^3$. TCE was detected in soil vapor samples SV-1 and SV-6 at concentrations of 14.6 $\mu\text{g/m}^3$ and 46 $\mu\text{g/m}^3$, above the respective AGV of 2 $\mu\text{g/m}^3$.

Analytical results of the soil vapor samples are summarized in Table 9. Exceedances of applicable standards are noted on the table in bold. Figure 7 shows the locations and concentrations of soil vapor that exceed AGVs.

Laboratory data for soil, groundwater, and soil vapor are summarized in Tables 1 through 9. Laboratory data deliverables for soil and groundwater samples are provided in digital form in Appendix G and laboratory data deliverables for soil vapor samples are provided in digital form as Appendix H.

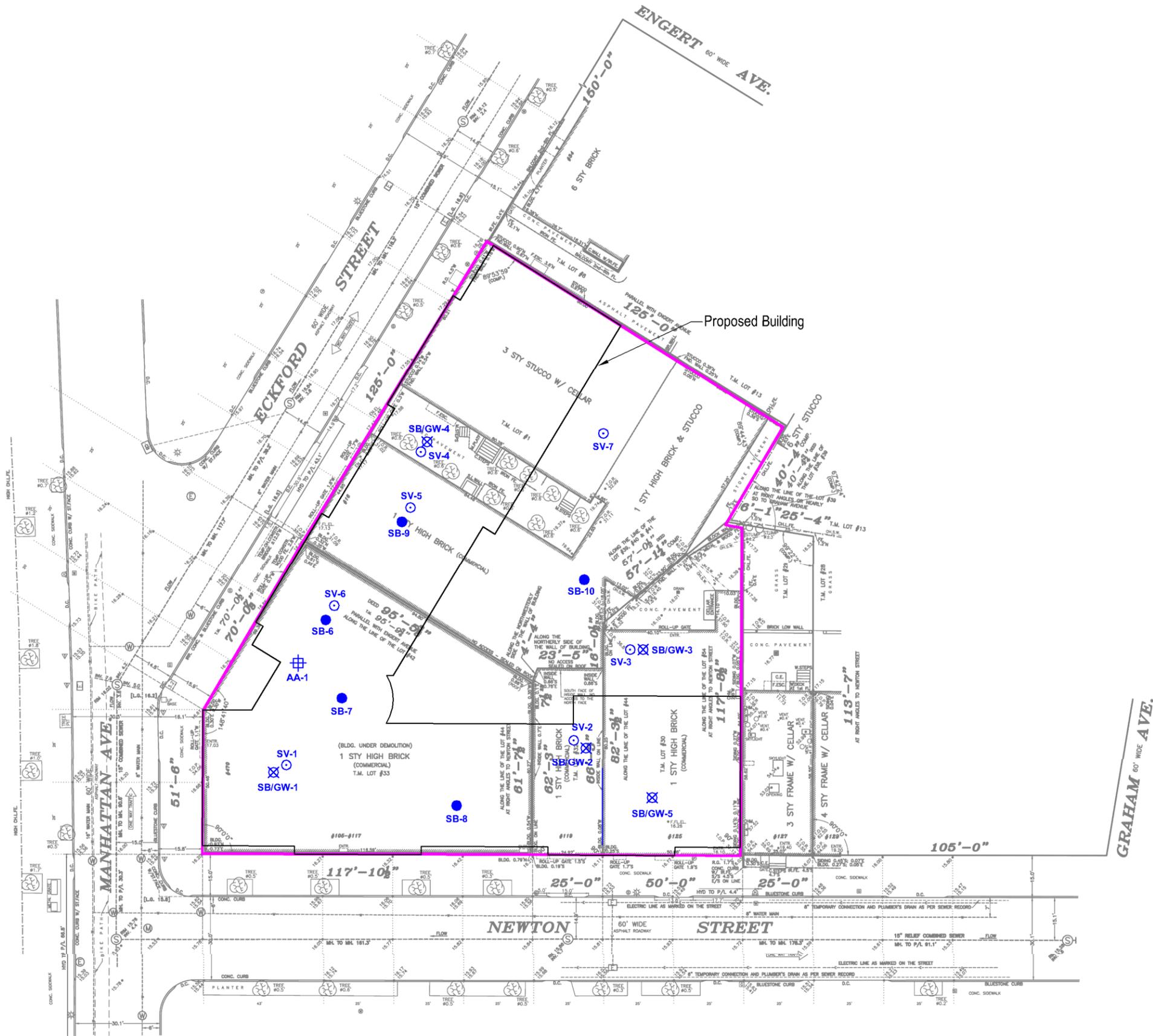
5.5 Prior Activity

Based on an evaluation of the data and information from the RIR, waste classification sampling will be conducted to determine if disposal of significant amounts of hazardous waste will be expected at this Site.

5.6 Impediments to Remedial Action

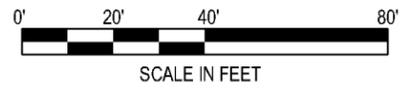
There are no known impediments to remedial action at this Site.

FIGURES



LEGEND:

- PROJECT SITE BOUNDARY
- SOIL BORING LOCATION
- SOIL VAPOR POINT LOCATION
- ⊗ SOIL BORING/GROUNDWATER LOCATION
- ⊕ AMBIENT AIR LOCATION



Map Source:
Geoland Land Surveying P.C., "Block 2714, Lot 1, 30, 32 & 33", Dated 09-016-2015.

470 Manhattan Avenue
Block 2714, Lots 1, 30, 32, and 33
Brooklyn, New York

SITE PLAN AND SAMPLING LOCATIONS

DATE
11/4/2015

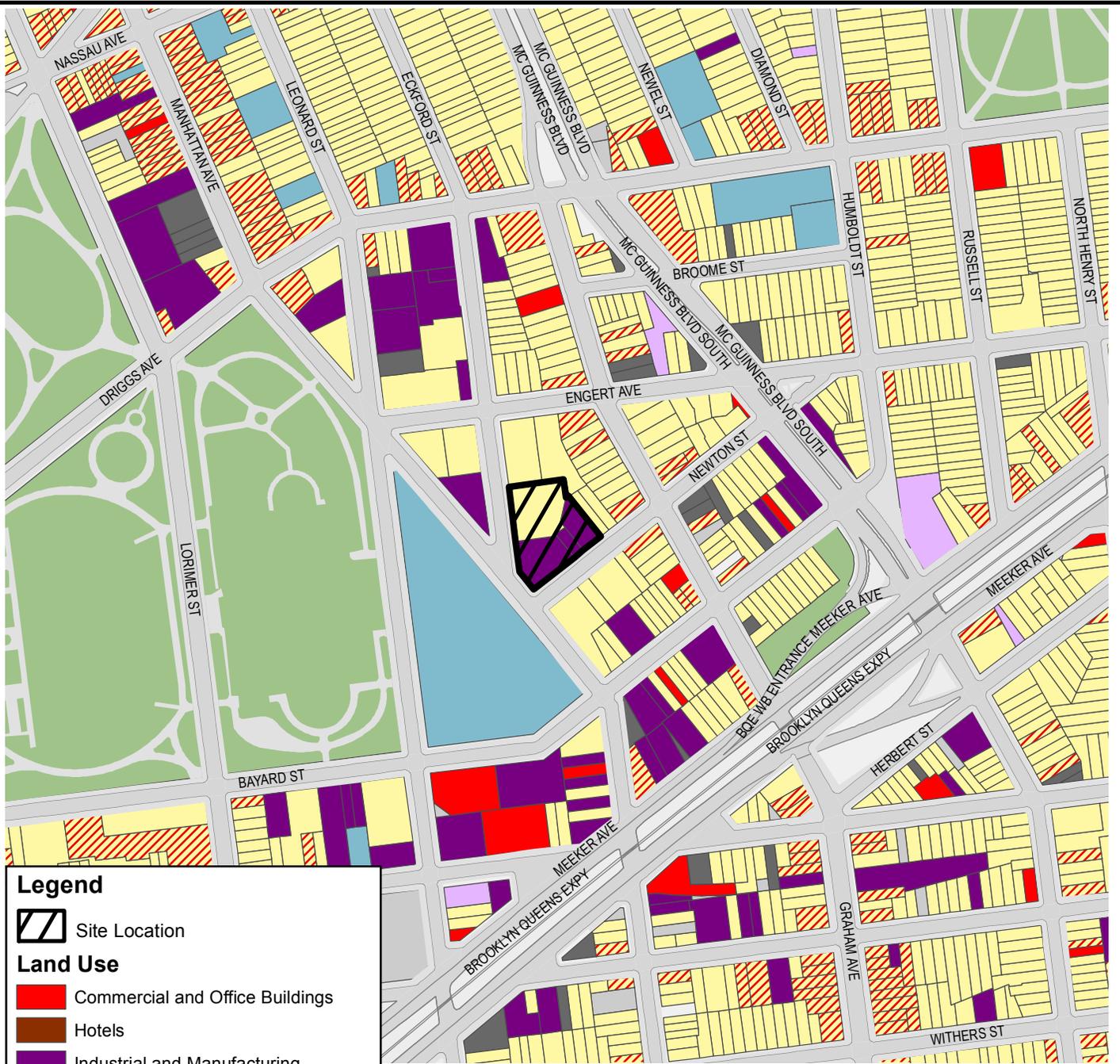
PROJECT NO.
12306

SCALE
as shown

FIGURE
2



Environmental Consultants
440 Park Avenue South, New York, NY 10016



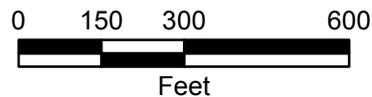
Source: NYCDCP (NYC Dept. of City Planning) GIS database

Legend

 Site Location

Land Use

-  Commercial and Office Buildings
-  Hotels
-  Industrial and Manufacturing
-  Open Space and Outdoor Recreation
-  Parking Facilities
-  Public Facilities and Institutions
-  Residential
-  Residential with Commercial Below
-  Transportation and Utility
-  Vacant Land
-  Vacant Building
-  Under Construction



470 Manhattan Avenue
Block 2714, Lots 1, 30, 32, and 33
 Brooklyn, New York

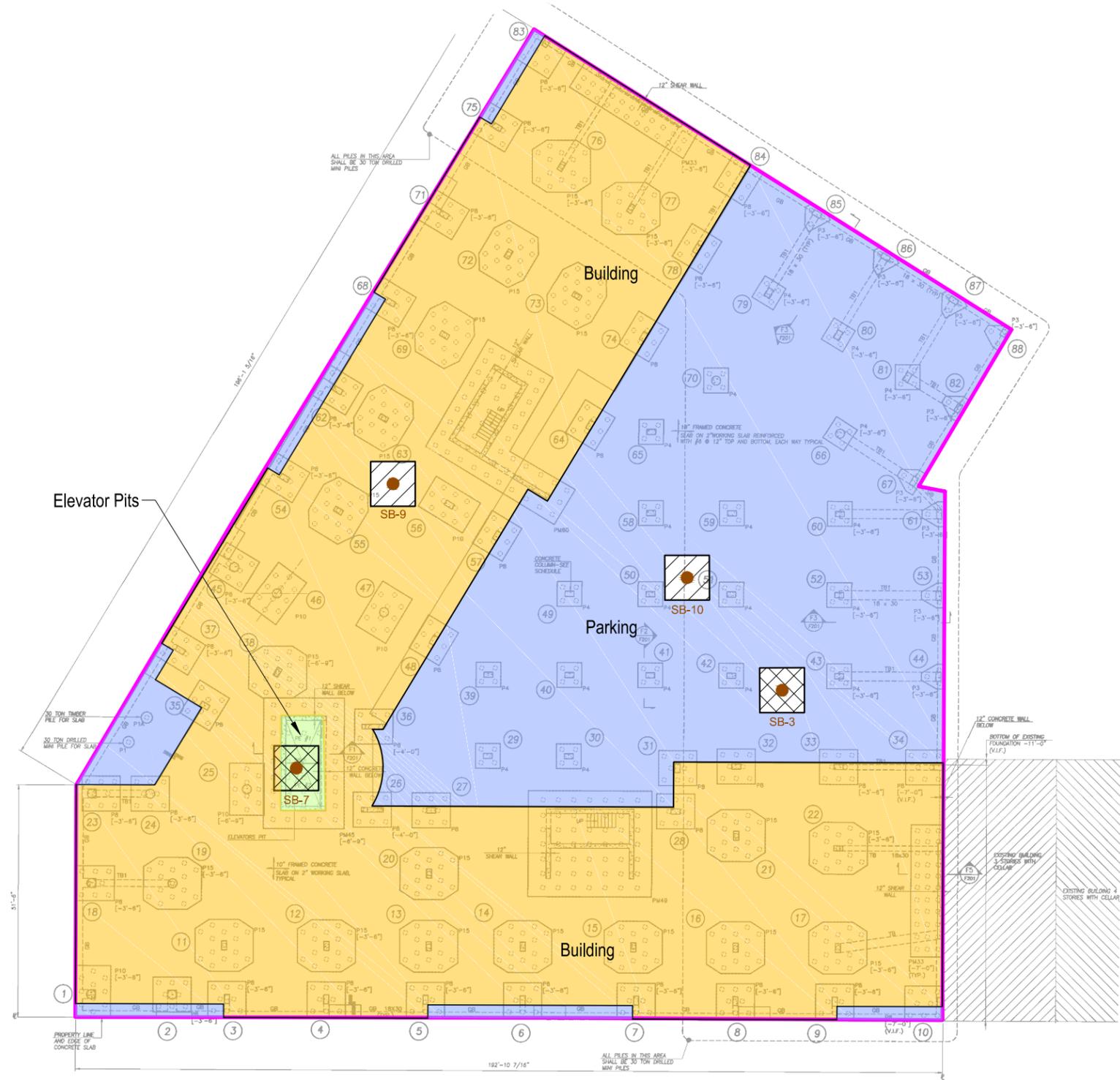


Environmental Consultants
 440 Park Avenue South, New York, N.Y. 10016

DATE	10/14/2015
PROJECT No.	12306
FIGURE	3

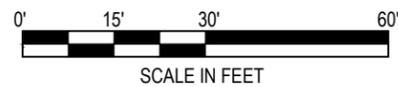
SURROUNDING LAND USE

SOURCE:
Based on Figure FO-100, FOUNDATION FRAMING PLAN,
Prepared by GHWA, Inc
11 Broadway, Suite 1700
New York, New York
July 2015



LEGEND:

-  PROJECT SITE BOUNDARY
-  APPROXIMATE EXTENT OF EXCAVATION FOR ELEVATOR PITS (8' BELOW GRADE)
-  APPROXIMATE EXTENT OF GRADING FOR PARKING
-  APPROXIMATE EXTENT OF EXCAVATION FOR PROPOSED BUILDING FOUNDATION (3' - 4' BELOW GRADE)
-  APPROXIMATE EXTENT OF EXCAVATION FOR HOTSPOT TO 7' BELOW GRADE
-  APPROXIMATE EXTENT OF EXCAVATION FOR HOTSPOT TO 3' BELOW GRADE
-  SOIL BORING LOCATION



Environmental Consultants
440 Park Avenue South, New York, NY 10016

470 Manhattan Avenue
Block 2714, Lots 1, 30, 32, and 33
Brooklyn, New York

PROPOSED EXCAVATION AREA

DATE
11/4/2015

PROJECT NO.
12306

SCALE
as shown

FIGURE
4

Sample ID	NYSDEC UUSCOs	NYSDEC RRSCOs	SB-4 (0-2) 10/9/2015	SB-4 (4-6) 10/9/2015
SVOCs				
3-Methylphenol/4-Methylphenol	0.33	100	1.3	0.084 J
Benzo(a)anthracene	1	1	1.9	0.14
Benzo(a)pyrene	1	1	1.6	0.13 J
Benzo(b)fluoranthene	1	1	2.1	0.16
Chrysene	1	3.9	2	0.14
Dibenzo(a,h)anthracene	0.33	0.33	0.39	0.039 U
Indeno(1,2,3-cd)Pyrene	0.5	0.5	1.1	0.089 J
Phenol	0.33	100	1.3	0.06 U
Metals				
Lead	63	400	230	46
Mercury	0.18	0.81	1.4	0.16
Selenium	3.9	180	5.2	0.28 U
Zinc	109	10,000	180	92

Sample ID	NYSDEC UUSCOs	NYSDEC RRSCOs	(1-2)G 9/28/2015	(0-2) 9/28/2015	(5-6)G 9/28/2015	(4-6) 9/28/2015
SVOCs						
Acetone	0.05	100	0.0013 U	NA	0.065	NA
3-Methylphenol/4-Methylphenol	13	16	NA	0.064	NA	1.1
Metals						
Copper	50	270	NA	350	NA	28
Lead	63	400	NA	80	NA	270
Mercury	0.18	0.81	NA	0.12	NA	0.28
Zinc	109	10,000	NA	210	NA	96

Sample ID	NYSDEC UUSCOs	NYSDEC RRSCOs	SB-9 (0-2) 10/9/2015	SB-9 (4-6) 10/9/2015
SVOCs				
Benzo(a)anthracene	1	1	1.1	0.22
Benzo(a)pyrene	1	1	1.1	0.22
Benzo(b)fluoranthene	1	1	1.4	0.31
Chrysene	1	3.9	1.1	0.24
Indeno(1,2,3-cd)Pyrene	0.5	0.5	0.72	0.16 J
Metals				
Arsenic	13	16	2.3	21
Copper	50	270	47	110
Lead	63	400	130	14,000
Mercury	0.18	0.81	0.92	2.7
Zinc	109	10,000	140	520

Sample ID	NYSDEC UUSCOs	NYSDEC RRSCOs	SB-6 (0-2) 9/28/2015	SB-6 (4-6) 9/28/2015
SVOCs				
Benzo(a)anthracene	1	1	1.6	0.12
Benzo(a)pyrene	1	1	1.5	0.1 J
Benzo(b)fluoranthene	1	1	1.9	0.13
Chrysene	1	3.9	1.8	0.14
Indeno(1,2,3-cd)Pyrene	0.5	0.5	1	0.066 J
Metals				
Arsenic	13	16	18	10
Copper	50	270	340	330
Lead	63	400	350	480
Mercury	0.18	0.81	2	1.3
Zinc	109	10,000	810	180
Pesticides				
4,4'-DDD	0.0033	13	0.00434	0.00069 U

Sample ID	NYSDEC UUSCOs	NYSDEC RRSCOs	SB-7 (0-2) 9/28/2015	SB-7 (8-10) 9/28/2015
SVOCs				
3-Methylphenol/4-Methylphenol	0.33	100	0.068 U	0.7
Metals				
Arsenic	13	16	39	10
Copper	50	270	110	46
Lead	63	400	550	510
Mercury	0.18	0.81	0.19	3.6
Zinc	109	10,000	1,600	140

Sample ID	NYSDEC UUSCOs	NYSDEC RRSCOs	SB-1 (0-2) 9/28/2015	SB-1 (4-6) 9/28/2015
SVOCs				
3-Methylphenol/4-Methylphenol	0.33	100	0.84 J	0.82
Benzo(a)anthracene	1	1	4.8	2.3
Benzo(a)pyrene	1	1	4.2	1.9
Benzo(b)fluoranthene	1	1	5.1	2.4
Benzo(k)fluoranthene	0.8	3.9	1.7	0.88
Chrysene	1	3.9	4.8	2.4
Dibenzo(a,h)anthracene	0.33	0.33	0.62	0.29
Indeno(1,2,3-cd)Pyrene	0.5	0.5	2.6	1.1
Metals				
Arsenic	13	16	33	32
Cadmium	2.5	4	0.06 U	5.1
Copper	50	270	220	280
Lead	63	400	700	410
Mercury	0.18	0.81	2.5	4.4
Zinc	109	10,000	310	1,600

Sample ID	NYSDEC UUSCOs	NYSDEC RRSCOs	SB-2 (0-2) 9/28/2015	SB-2 (4-6) 9/28/2015
SVOCs				
Benzo(a)anthracene	1	1	0.68	1.5
Benzo(a)pyrene	1	1	0.91	2
Benzo(b)fluoranthene	1	1	1.1	2.6
Benzo(k)fluoranthene	0.8	3.9	0.39	0.95
Chrysene	1	3.9	0.88	1.9
Dibenzo(a,h)anthracene	0.33	0.33	0.15	0.45
Indeno(1,2,3-cd)Pyrene	0.5	0.5	0.63	1.4
Metals				
Arsenic	13	16	12	30
Copper	50	270	120	36
Lead	63	400	300	190
Mercury	0.18	0.81	1.3	0.37
Zinc	109	10,000	180	120

Sample ID	NYSDEC UUSCOs	NYSDEC RRSCOs	(1-2)G 9/28/2015	(0-2) 9/28/2015	(5-6)G 9/28/2015	(4-6) 9/28/2015
VOCs						
Benzene	0.06	4.8	0.00018 U	NA	0.19	NA
Metals						
Copper	50	270	NA	66	NA	13
Lead	63	400	NA	570	NA	0.18 U
Mercury	0.18	0.81	NA	2	NA	0.04 J
Zinc	109	10,000	NA	270	NA	32

Sample ID	NYSDEC UUSCOs	NYSDEC RRSCOs	SB-7 (0-2) 9/28/2015	SB-7 (8-10) 9/28/2015
SVOCs				
3-Methylphenol/4-Methylphenol	0.33	100	0.068 U	0.7
Metals				
Arsenic	13	16	39	10
Copper	50	270	110	46
Lead	63	400	550	510
Mercury	0.18	0.81	0.19	3.6
Zinc	109	10,000	1,600	140

LEGEND:

- PROJECT SITE BOUNDARY
- SB-6 SOIL BORING LOCATION
- SV-1 SOIL VAPOR POINT LOCATION
- ⊗ SB/GW-1 SOIL BORING/GROUNDWATER LOCATION
- ⊕ AA-1 AMBIENT AIR LOCATION

SOIL

Part 375 Soil Cleanup Objectives : Soil Cleanup Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).

Exceedences of Part 375 Unrestricted Soil Cleanup Objectives are highlighted in bold font.

Exceedences of Part 375 Restricted Residential Soil Cleanup Objectives are highlighted in gray.

mg/kg : milligrams per kilogram = parts per million (ppm)

- Sample ID
- Sample Date
- Concentration in Soil
- Analyte/Compound in Soil
- NA : The analyte was not analyzed for this sample.
- U : The analyte was not detected above the laboratory reporting limit listed.
- J : The reported concentration is an estimated value.

Map Source: Geoland Land Surveying P.C., "Block 2714, Lots 1, 30, 32 & 33", Dated 09-16-2015.



AKRF
Environmental Consultants
440 Park Avenue South, New York, NY 10016

470 Manhattan Avenue
Block 2714, Lots 1, 30, 32, and 33
Brooklyn, New York

SOIL CONCENTRATIONS ABOVE NYSDEC SOIL CLEANUP OBJECTIVES

DATE	11/4/2015
PROJECT NO.	12306
SCALE	as shown
FIGURE	5

Sample ID	NYSDEC	GW-4
Date Sampled	AWQS	10/9/2015
VOCs	µg/L	µg/L
1,1-Dichloroethane	5	14
Metals (Total)	µg/L	µg/L
Mercury	0.7	3.37 J
Sodium	20,000	141,000
Metals (Dissolved)	µg/L	µg/L
Sodium	20,000	122,000
Pesticides	µg/L	µg/L
Chlordane	0.05	0.116 J

Sample ID	NYSDEC	GW-1
Date Sampled	AWQS	9/29/2015
VOCs	µg/L	µg/L
Methyl tert butyl ether	10	20
Metals (Total)	µg/L	µg/L
Lead	25	954.2
Magnesium	35,000	41,200
Nickel	100	104.1
Sodium	20,000	202,000
Metals (Dissolved)	µg/L	µg/L
Magnesium	35,000	38,700
Sodium	20,000	202,000

Sample ID	NYSDEC	GW-2
Date Sampled	AWQS	9/29/2015
SVOCs	µg/L	µg/L
Benzo(a)anthracene	0.002	0.05 J
Benzo(b)fluoranthene	0.002	0.18 J
Chrysene	0.002	0.05 J
Metals (Total)	µg/L	µg/L
Sodium	20,000	78,000
Metals (Dissolved)	µg/L	µg/L
Sodium	20,000	73,800

Sample ID	NYSDEC	GW-5
Date Sampled	AWQS	9/29/2015
VOCs	µg/L	µg/L
Methyl tert butyl ether	10	48
Metals (Total)	µg/L	µg/L
Sodium	20,000	146,000
Metals (Dissolved)	µg/L	µg/L
Sodium	20,000	127,000

Sample ID	NYSDEC	GW-3
Date Sampled	AWQS	9/29/2015
Metals (Total)	µg/L	µg/L
Sodium	20,000	191,000
Metals (Dissolved)	µg/L	µg/L
Sodium	20,000	187,000

LEGEND:

- PROJECT SITE BOUNDARY
 - SOIL BORING LOCATION
 - SOIL VAPOR POINT LOCATION
 - ⊗ SOIL BORING/GROUNDWATER LOCATION
 - ⊕ AMBIENT AIR LOCATION
- GROUNDWATER**
- NYSDEC : New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards (AWQS)
- Class GA
- Ambient Standard
- µg/L : micrograms per Liter = parts per billion (ppb)
- DTW : depth to water

Sample ID	NYSDEC	GW-3
Date Sampled	AWQS	9/29/2015
Metals (Total)	µg/L	µg/L
Sodium	20,000	191,000
Metals (Dissolved)	µg/L	µg/L
Sodium	20,000	187,000

Temporary Groundwater Monitoring Well ID	DTW (Feet Below Grade)
GW-1	12.3
GW-2	10.2
GW-3	10.0
GW-4	12.0
GW-5	10.0



Map Source: Geoland Land Surveying P.C., "Block 2714, Lot 1, 30, 32 & 33", Dated 09-016-2015.

Sample ID	NYSDOH	SV-6
Date Sampled	AGV	9/28/2015
VOCs	µg/m ³	µg/m ³
1,1,1-Trichloroethane	NS	4.65
1,2,4-Trimethylbenzene	NS	3.47
1,3-Butadiene	NS	1.55
1,3-Dichlorobenzene	NS	2.63
2-Butanone	NS	43.1
Acetone	NS	1,380
Benzene	NS	7.64
Carbon disulfide	NS	2.06
Cyclohexane	NS	2.78
Dichlorodifluoromethane	NS	2.07
Ethyl Alcohol	NS	117
Ethylbenzene	NS	3.28
Heptane	NS	16.3
iso-Propyl Alcohol	NS	6.22
n-Hexane	NS	6.27
o-Xylene	NS	4.78
p/m-Xylene	NS	13.1
tert-Butyl Alcohol	NS	18
Tetrachloroethene	30	22.4
Toluene	NS	22.6
Trichloroethene	2	46

Sample ID	NYSDOH	SV-4
Date Sampled	AGV	10/9/2015
VOCs	µg/m ³	µg/m ³
1,2,4-Trimethylbenzene	NS	19.1
1,3,5-Trimethylbenzene	NS	5.16
1,3-Butadiene	NS	1.54
1,3-Dichlorobenzene	NS	15
2,2,4-Trimethylpentane	NS	14.1
2-Butanone	NS	30.4
4-Ethyltoluene	NS	5.16
Acetone	NS	1,020
Benzene	NS	16.2
Carbon disulfide	NS	2.65
Chloroform	NS	7.23
Cyclohexane	NS	7.33
Ethyl Alcohol	NS	241
Ethylbenzene	NS	23.7
Heptane	NS	208
iso-Propyl Alcohol	NS	258
n-Hexane	NS	546
o-Xylene	NS	23.9
p/m-Xylene	NS	61.7
Styrene	NS	2.37
tert-Butyl Alcohol	NS	16.1
Tetrachloroethene	30	20.8
Toluene	NS	74.6
trans-1,2-Dichloroethene	NS	3.4

Sample ID	NYSDOH	SV-5
Date Sampled	AGV	10/9/2015
VOCs	µg/m ³	µg/m ³
1,2,4-Trimethylbenzene	NS	16.9
1,3-Butadiene	NS	44
1,3-Dichlorobenzene	NS	17.9
2,2,4-Trimethylpentane	NS	16
2-Butanone	NS	46.6
Acetone	NS	739
Benzene	NS	19.1
Carbon disulfide	NS	30.3
Chloromethane	NS	6.2
Cyclohexane	NS	11.4
Ethyl Alcohol	NS	279
Ethylbenzene	NS	20.8
Heptane	NS	25.7
iso-Propyl Alcohol	NS	514
n-Hexane	NS	55.3
o-Xylene	NS	21.4
p/m-Xylene	NS	55.2
tert-Butyl Alcohol	NS	14.6
Tetrachloroethene	30	14.1
Toluene	NS	60.7

Sample ID	NYSDOH	SV-7
Date Sampled	AGV	10/9/2015
VOCs	µg/m ³	µg/m ³
1,1,1-Trichloroethane	NS	2
1,2,4-Trimethylbenzene	NS	2.62
2,2,4-Trimethylpentane	NS	1.34
2-Butanone	NS	9.5
4-Methyl-2-pentanone	NS	3.64
Acetone	NS	287
Benzene	NS	3.71
Carbon disulfide	NS	0.863
Chloroform	NS	2.43
Chloromethane	NS	0.698
Cyclohexane	NS	1.06
Dichlorodifluoromethane	NS	1.98
Ethyl Alcohol	NS	53.3
Ethylbenzene	NS	1.57
Heptane	NS	5.82
iso-Propyl Alcohol	NS	10.1
n-Hexane	NS	5.43
o-Xylene	NS	1.99
p/m-Xylene	NS	4.82
tert-Butyl Alcohol	NS	6.55
Tetrachloroethene	30	2.18
Toluene	NS	13.8
Trichloroethene	2	4.62
Trichlorofluoromethane	NS	1.29

SOIL VAPOR
 NYSDOH
 Soil Vapor
 Intrusion
 Air Guidance
 Value

NYSDOH Air Guideline Values (AGVs) and Table 3.3 Matrix 1 and 2 Chemicals presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 ("NYSDOH Vapor Intrusion Guidance Document"), updated September 2013 for change of AGV for PCE, and August 2015 change of AGV for TCE.

Exceedences of NYSDOH Soil Vapor Intrusion Air Guidance Values are highlighted in bold font.

µg/m³ : micrograms per cubic meter of air

LEGEND:

- PROJECT SITE BOUNDARY
- SOIL BORING LOCATION
- SOIL VAPOR POINT LOCATION
- ⊗ SOIL BORING/GROUNDWATER LOCATION
- ⊕ AMBIENT AIR LOCATION

Sample ID	NYSDOH	SV-1
Date Sampled	AGV	9/28/2015
VOCs	µg/m ³	µg/m ³
1,1,1-Trichloroethane	NS	27.8
1,1-Dichloroethane	NS	9.71
1,2,4-Trimethylbenzene	NS	2.67
1,3-Butadiene	NS	5.6
2-Butanone	NS	32.4
Acetone	NS	1,640
Benzene	NS	11
Carbon disulfide	NS	43
Carbon tetrachloride	NS	272
Chloroethane	NS	1.26
Chloroform	NS	342
Chloromethane	NS	5.47
Cyclohexane	NS	17.6
Ethyl Alcohol	NS	83.7
Ethylbenzene	NS	3.12
Heptane	NS	26.5
iso-Propyl Alcohol	NS	7.92
n-Hexane	NS	26.1
o-Xylene	NS	4.52
p/m-Xylene	NS	12.7
tert-Butyl Alcohol	NS	13.5
Tetrachloroethene	30	5.91
Toluene	NS	23.4
Trichloroethene	2	14.6
Trichlorofluoromethane	NS	2.38

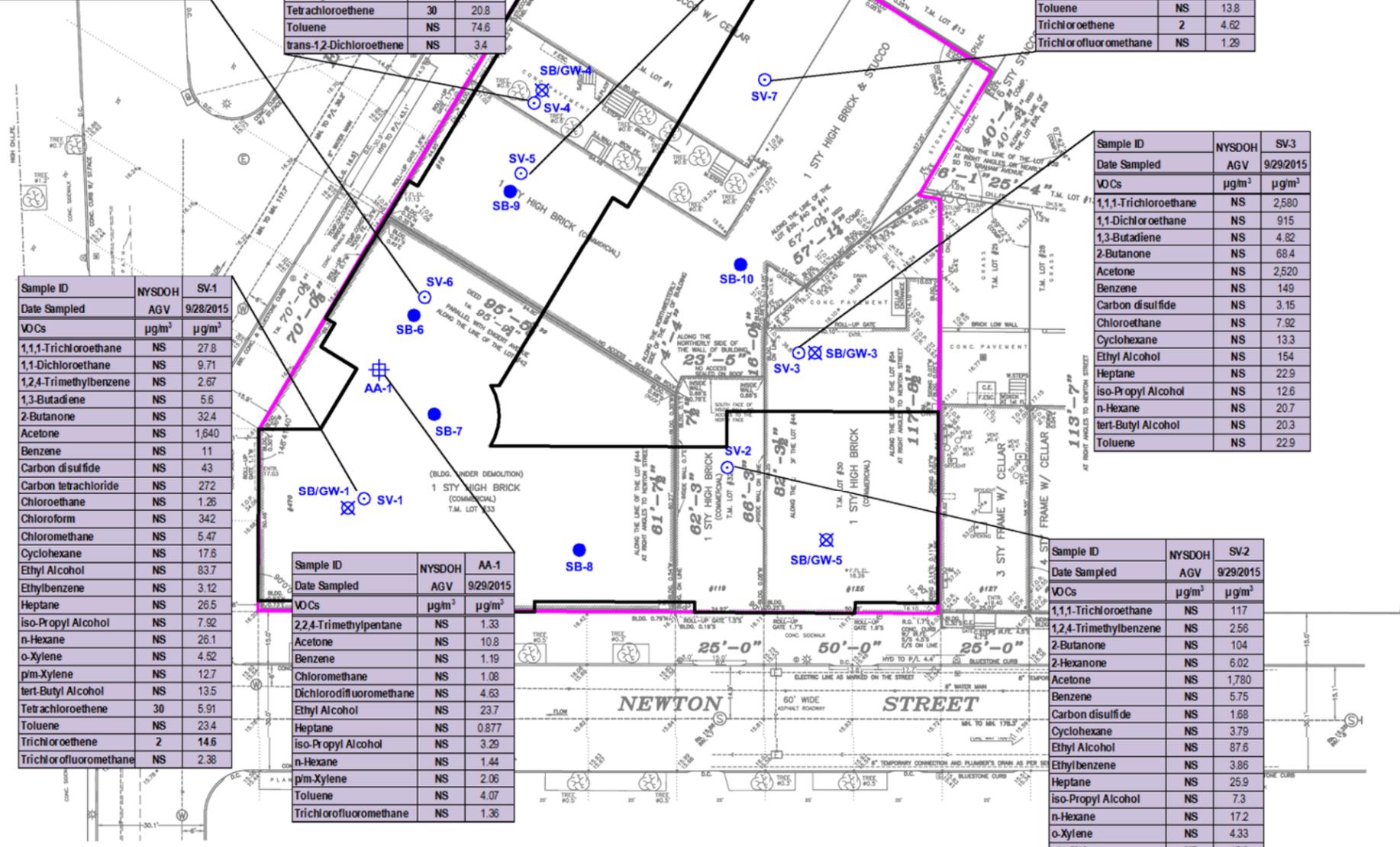
Sample ID	NYSDOH	AA-1
Date Sampled	AGV	9/29/2015
VOCs	µg/m ³	µg/m ³
2,2,4-Trimethylpentane	NS	1.33
Acetone	NS	10.8
Benzene	NS	1.19
Chloromethane	NS	1.08
Dichlorodifluoromethane	NS	4.63
Ethyl Alcohol	NS	23.7
Heptane	NS	0.877
iso-Propyl Alcohol	NS	3.29
n-Hexane	NS	1.44
p/m-Xylene	NS	2.06
Toluene	NS	4.07
Trichlorofluoromethane	NS	1.36

Sample ID	NYSDOH	SV-3
Date Sampled	AGV	9/29/2015
VOCs	µg/m ³	µg/m ³
1,1,1-Trichloroethane	NS	2,580
1,1-Dichloroethane	NS	915
1,3-Butadiene	NS	4.82
2-Butanone	NS	68.4
Acetone	NS	2,520
Benzene	NS	149
Carbon disulfide	NS	3.15
Chloroethane	NS	7.92
Cyclohexane	NS	13.3
Ethyl Alcohol	NS	154
Heptane	NS	22.9
iso-Propyl Alcohol	NS	12.6
n-Hexane	NS	20.7
tert-Butyl Alcohol	NS	20.3
Toluene	NS	22.9

Sample ID	NYSDOH	SV-2
Date Sampled	AGV	9/29/2015
VOCs	µg/m ³	µg/m ³
1,1,1-Trichloroethane	NS	117
1,2,4-Trimethylbenzene	NS	2.56
2-Butanone	NS	104
2-Hexanone	NS	6.02
Acetone	NS	1,780
Benzene	NS	5.75
Carbon disulfide	NS	1.68
Cyclohexane	NS	3.79
Ethyl Alcohol	NS	87.6
Ethylbenzene	NS	3.86
Heptane	NS	25.9
iso-Propyl Alcohol	NS	7.3
n-Hexane	NS	17.2
o-Xylene	NS	4.33
p/m-Xylene	NS	13.3
tert-Butyl Alcohol	NS	10.3
Tetrachloroethene	30	4.92
Toluene	NS	29.8

Sample ID	NYSDOH	SV-6
Date Sampled	AGV	9/28/2015
VOCs	µg/m ³	µg/m ³
1,1,1-Trichloroethane	NS	4.65

Analyte/
Compound
in Soil



Map Source:
 Geoland Land Surveying P.C., "Block 2714, Lot 1, 30, 32 & 33", Dated 09-16-2015.





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 440 Park Avenue South, New York, NY 10016

470 Manhattan Avenue
 Block 2714, Lots 1, 30, 32, and 33
 Brooklyn, New York

DETECTED SOIL VAPOR CONCENTRATIONS ABOVE NYSDOH AIGVs

DATE
11/4/2015

PROJECT NO.
12306

SCALE
as shown

FIGURE
7

TABLES

Table 1
470 Manhattan Avenue
Brooklyn, NY
Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Restricted Residential SCO	SB-1 (1-2)G L1524249-02 9/28/2015 1	SB-1 (4-6)G L1524249-04 9/28/2015 1	SB-2 (1-2)G L1524249-18 9/28/2015 1	SB-2 (5-6)G L1524249-20 9/28/2015 1	SB-3 (1-2)G L1524249-22 9/28/2015 1	SB-3 (5-6)G L1524249-24 9/28/2015 1	SB-4 (1-2)G L1525736-02 10/9/2015 1
Lab Sample ID Date Sampled Dilution	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
1,1,1,2-Tetrachloroethane	NS	NS	0.00041 U	0.00043 U	0.00036 U	0.00053 U	0.0004 U	0.00038 U	0.00036 U
1,1,1-Trichloroethane	0.68	100	0.00014 U	0.00015 U	0.00013 U	0.00018 U	0.00014 U	0.00058	0.00013 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00013 U	0.00014 U	0.00012 U	0.00017 U	0.00013 U	0.00012 U	0.00012 U
1,1,2-Trichloroethane	NS	NS	0.00039 U	0.00041 U	0.00035 U	0.00051 U	0.00039 U	0.00037 U	0.00035 U
1,1-Dichloroethane	0.27	26	0.00011 U	0.00012 U	0.0001 U	0.00014 U	0.00011 U	0.0036	0.0001 U
1,1-Dichloroethene	0.33	100	0.00034 U	0.00036 U	0.0003 U	0.00044 U	0.00033 U	0.00032 U	0.0003 U
1,1-Dichloropropene	NS	NS	0.00018 U	0.00019 U	0.00016 U	0.00024 U	0.00018 U	0.00017 U	0.00016 U
1,2,3-Trichlorobenzene	NS	NS	0.00019 U	0.0002 U	0.00017 U	0.00025 U	0.00019 U	0.00018 U	0.00017 U
1,2,3-Trichloropropane	NS	NS	0.00021 U	0.00022 U	0.00019 U	0.00027 U	0.00021 U	0.0002 U	0.00019 U
1,2,4,5-Tetramethylbenzene	NS	NS	0.00017 U	0.00018 U	0.00015 U	0.00022 U	0.00016 U	0.00016 U	0.00015 U
1,2,4-Trichlorobenzene	NS	NS	0.00023 U	0.00025 U	0.00021 U	0.0003 U	0.00023 U	0.00022 U	0.00021 U
1,2,4-Trimethylbenzene	3.6	52	0.00018 U	0.00019 U	0.00016 U	0.00024 U	0.00018 U	0.00017 U	0.00016 U
1,2-Dibromo-3-chloropropane	NS	NS	0.00051 U	0.00054 U	0.00046 U	0.00066 U	0.0005 U	0.00048 U	0.00045 U
1,2-Dibromoethane	NS	NS	0.00022 U	0.00024 U	0.0002 U	0.00029 U	0.00022 U	0.00021 U	0.0002 U
1,2-Dichlorobenzene	1.1	100	0.0002 U	0.00021 U	0.00018 U	0.00026 U	0.00019 U	0.00018 U	0.00018 U
1,2-Dichloroethane	0.02	3.1	0.00015 U	0.00015 U	0.00013 U	0.00019 U	0.00014 U	0.00014 U	0.00013 U
1,2-Dichloroethene, Total	NS	NS	0.00018 U	0.00019 U	0.00016 U	0.00024 U	0.00018 U	0.00017 U	0.00016 U
1,2-Dichloropropane	NS	NS	0.00029 U	0.00031 U	0.00026 U	0.00038 U	0.00029 U	0.00027 U	0.00026 U
1,3,5-Trimethylbenzene	8.4	52	0.00018 U	0.0002 U	0.00016 U	0.00024 U	0.00018 U	0.00017 U	0.00016 U
1,3-Dichlorobenzene	2.4	49	0.00017 U	0.00018 U	0.00016 U	0.00022 U	0.00017 U	0.00016 U	0.00015 U
1,3-Dichloropropane	NS	NS	0.00019 U	0.0002 U	0.00017 U	0.00024 U	0.00018 U	0.00017 U	0.00017 U
1,3-Dichloropropene, Total	NS	NS	0.00015 U	0.00016 U	0.00014 U	0.0002 U	0.00015 U	0.00014 U	0.00013 U
1,4-Dichlorobenzene	1.8	13	0.00018 U	0.00019 U	0.00016 U	0.00023 U	0.00018 U	0.00017 U	0.00016 U
1,4-Dioxane	0.1	13	0.018 U	0.02 U	0.016 U	0.024 U	0.018 U	0.017 U	0.016 U
2,2-Dichloropropane	NS	NS	0.00029 U	0.00031 U	0.00026 U	0.00038 U	0.00029 U	0.00027 U	0.00026 U
2-Butanone	0.12	100	0.00035 U	0.00036 U	0.00033 U	0.00044 U	0.00034 U	0.00033 U	0.00031 U
2-Hexanone	NS	NS	0.00086 U	0.00091 U	0.00077 U	0.0011 U	0.00085 U	0.0008 U	0.00076 U
4-Methyl-2-pentanone	NS	NS	0.00031 U	0.00033 U	0.00028 U	0.00041 U	0.00031 U	0.00029 U	0.00028 U
Acetone	0.05	100	0.0013 U	0.026	0.0041 J	0.0065 J	0.0035 J	0.0039 J	0.0012 U
Acrylonitrile	NS	NS	0.00066 U	0.0007 U	0.00059 U	0.00086 U	0.00065 U	0.00062 U	0.00059 U
Benzene	0.06	4.8	0.00015 U	0.00016 U	0.00014 U	0.0002 U	0.00015 U	0.00014 U	0.00014 U
Bromobenzene	NS	NS	0.00027 U	0.00028 U	0.00024 U	0.00035 U	0.00026 U	0.00025 U	0.00024 U
Bromochloromethane	NS	NS	0.00036 U	0.00038 U	0.00032 U	0.00046 U	0.00035 U	0.00033 U	0.00032 U
Bromodichloromethane	NS	NS	0.00022 U	0.00024 U	0.0002 U	0.00029 U	0.00022 U	0.00021 U	0.0002 U
Bromoform	NS	NS	0.0003 U	0.00032 U	0.00027 U	0.0004 U	0.0003 U	0.00028 U	0.00027 U
Bromomethane	NS	NS	0.00044 U	0.00046 U	0.00039 U	0.00056 U	0.00043 U	0.00041 U	0.00039 U
Carbon disulfide	NS	NS	0.0014 U	0.0015 U	0.0013 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U
Carbon tetrachloride	0.76	2.4	0.00097 J	0.00029 U	0.00024 U	0.00035 U	0.00027 U	0.00025 U	0.00024 U
Chlorobenzene	1.1	100	0.00045 U	0.00048 U	0.0004 U	0.00058 U	0.00044 U	0.00042 U	0.0004 U
Chloroethane	NS	NS	0.00041 U	0.00043 U	0.00036 U	0.00053 U	0.0004 U	0.00038 U	0.00036 U
Chloroform	0.37	49	0.0049	0.0005 U	0.00042 U	0.00062 U	0.00047 U	0.00044 U	0.00042 U
Chloromethane	NS	NS	0.00038 U	0.0004 U	0.00034 U	0.00049 U	0.00037 U	0.00035 U	0.00034 U
cis-1,2-Dichloroethene	0.25	100	0.00018 U	0.00019 U	0.00016 U	0.00024 U	0.00018 U	0.00017 U	0.00016 U
cis-1,3-Dichloropropene	NS	NS	0.00015 U	0.00016 U	0.00014 U	0.0002 U	0.00015 U	0.00014 U	0.00013 U
Dibromochloromethane	NS	NS	0.0002 U	0.00021 U	0.00018 U	0.00026 U	0.0002 U	0.00018 U	0.00018 U
Dibromomethane	NS	NS	0.00021 U	0.00022 U	0.00019 U	0.00027 U	0.00021 U	0.0002 U	0.00019 U
Dichlorodifluoromethane	NS	NS	0.00025 U	0.00026 U	0.00022 U	0.00032 U	0.00024 U	0.00023 U	0.00022 U
Ethyl ether	NS	NS	0.00034 U	0.00035 U	0.0003 U	0.00044 U	0.00033 U	0.00031 U	0.0003 U
Ethylbenzene	1	41	0.00016 U	0.00017 U	0.00015 U	0.00021 U	0.00016 U	0.00015 U	0.00015 U
Hexachlorobutadiene	NS	NS	0.00029 U	0.00031 U	0.00026 U	0.00038 U	0.00029 U	0.00027 U	0.00026 U
Isopropylbenzene	NS	NS	0.00013 U	0.00014 U	0.00012 U	0.00017 U	0.00013 U	0.00012 U	0.00012 U
Methyl tert butyl ether	0.93	100	0.00011 U	0.00012 U	0.0001 U	0.00014 U	0.00011 U	0.0001 U	0.0001 U
Methylene chloride	0.05	100	0.0014 U	0.0015 U	0.0013 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U
Naphthalene	12	100	0.00018 U	0.00019 U	0.00016 U	0.00023 U	0.00018 U	0.00017 U	0.00016 U
n-Butylbenzene	12	100	0.00015 U	0.00016 U	0.00013 U	0.00019 U	0.00014 U	0.00014 U	0.00013 U
n-Propylbenzene	3.9	100	0.00014 U	0.00015 U	0.00012 U	0.00018 U	0.00014 U	0.00013 U	0.00012 U
o-Chlorotoluene	NS	NS	0.00021 U	0.00022 U	0.00018 U	0.00027 U	0.0002 U	0.00019 U	0.00018 U
o-Xylene	0.26 TS	100 TS	0.00022 U	0.00023 U	0.0002 U	0.00029 U	0.00022 U	0.00021 U	0.0002 U
p/m-Xylene	0.26 TS	100 TS	0.00026 U	0.00027 U	0.00023 U	0.00033 U	0.00025 U	0.00024 U	0.00023 U
p-Chlorotoluene	NS	NS	0.00017 U	0.00018 U	0.00015 U	0.00022 U	0.00017 U	0.00016 U	0.00015 U
p-Diethylbenzene	NS	NS	0.00021 U	0.00022 U	0.00018 U	0.00027 U	0.0002 U	0.00019 U	0.00018 U
p-Ethyltoluene	NS	NS	0.00016 U	0.00017 U	0.00014 U	0.00021 U	0.00016 U	0.00015 U	0.00014 U
p-Isopropyltoluene	NS	NS	0.00016 U	0.00017 U	0.00014 U	0.00021 U	0.00016 U	0.00015 U	0.00014 U
sec-Butylbenzene	11	100	0.00016 U	0.00017 U	0.00014 U	0.0002 U	0.00015 U	0.00015 U	0.00014 U
Styrene	NS	NS	0.00052 U	0.00055 U	0.00046 U	0.00067 U	0.00051 U	0.00048 U	0.00046 U
tert-Butylbenzene	5.9	100	0.00017 U	0.00018 U	0.00016 U	0.00023 U	0.00017 U	0.00016 U	0.00016 U
Tetrachloroethene	1.3	19	0.00085 J	0.00019 U	0.00016 U	0.00023 U	0.001 J	0.00086 J	0.00016 U
Toluene	0.7	100	0.00025 U	0.00026 U	0.00022 U	0.00033 U	0.00025 U	0.00023 U	0.00022 U
trans-1,2-Dichloroethene	0.19	100	0.00027 U	0.00029 U	0.00024 U	0.00035 U	0.00027 U	0.00026 U	0.00024 U
trans-1,3-Dichloropropene	NS	NS	0.00016 U	0.00016 U	0.00014 U	0.0002 U	0.00015 U	0.00014 U	0.00014 U
trans-1,4-Dichloro-2-butene	NS	NS	0.0005 U	0.00054 U	0.00045 U	0.00066 U	0.0005 U	0.00047 U	0.00045 U
Trichloroethene	0.47	21	0.0008 J	0.00017 U	0.00014 U	0.00021 U	0.00016 U	0.00015 U	0.00014 U
Trichlorofluoromethane	NS	NS	0.0005 U	0.00053 U	0.00045 U	0.00065 U	0.00049 U	0.00047 U	0.00044 U
Vinyl acetate	NS	NS	0.00017 U	0.00018 U	0.00015 U	0.00022 U	0.00017 U	0.00016 U	0.00015 U
Vinyl chloride	0.02	0.9	0.00015 U	0.00016 U	0.00014 U	0.0002 U	0.00015 U	0.00014 U	0.00013 U
Xylenes, Total	0.26	100	0.00022 U	0.00023 U	0.0002 U	0.00029 U	0.00022 U	0.00021 U	0.0002 U

Table 1
470 Manhattan Avenue
Brooklyn, NY
Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Restricted Residential SCO	SB-4 (4-5)G L1525736-04 10/9/2015	SB-5 (1-2)G L1524249-30 9/29/2015	SB-5 (5-6)G L1524249-32 9/29/2015	SB-6 (1-2)G L1524249-06 9/28/2015	SB-6 (5-6)G L1524249-08 9/28/2015	SB-7 (3-4)G L1524249-10 9/28/2015	SB-7 (9-10)G L1524249-12 9/28/2015
Lab Sample ID	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Sampled									
Dilution									
1,1,1,2-Tetrachloroethane	NS	NS	0.00034 U	0.0005 U	0.00038 U	0.0006 U	0.13 U	0.026 U	0.00044 U
1,1,1-Trichloroethane	0.68	100	0.00012 U	0.00017 U	0.00013 U	0.00021 U	0.047 U	0.0091 U	0.00015 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00011 U	0.00016 U	0.00012 U	0.00019 U	0.042 U	0.0083 U	0.00014 U
1,1,2-Trichloroethane	NS	NS	0.00033 U	0.00048 U	0.00036 U	0.00057 U	0.13 U	0.025 U	0.00042 U
1,1-Dichloroethane	0.27	26	0.00009 U	0.00013 U	0.0001 U	0.00016 U	0.036 U	0.007 U	0.00012 U
1,1-Dichloroethene	0.33	100	0.00028 U	0.00041 U	0.00031 U	0.00049 U	0.11 U	0.022 U	0.00036 U
1,1-Dichloropropene	NS	NS	0.00015 U	0.00022 U	0.00017 U	0.00027 U	0.06 U	0.012 U	0.0002 U
1,2,3-Trichlorobenzene	NS	NS	0.00016 U	0.00023 U	0.00018 U	0.00028 U	0.062 U	0.012 U	0.0002 U
1,2,3-Trichloropropane	NS	NS	0.00017 U	0.00026 U	0.0002 U	0.00031 U	0.069 U	0.013 U	0.00022 U
1,2,4,5-Tetramethylbenzene	NS	NS	0.00014 U	0.0002 U	0.00038 J	0.00024 U	0.055 U	0.011 U	0.00018 U
1,2,4-Trichlorobenzene	NS	NS	0.0002 U	0.00028 U	0.00022 U	0.00034 U	0.077 U	0.015 U	0.00025 U
1,2,4-Trimethylbenzene	3.6	52	0.00015 U	0.00022 U	0.0034 J	0.00027 U	0.06 U	0.012 U	0.0002 U
1,2-Dibromo-3-chloropropane	NS	NS	0.00042 U	0.00062 U	0.00048 U	0.00075 U	0.17 U	0.033 U	0.00055 U
1,2-Dibromoethane	NS	NS	0.00019 U	0.00027 U	0.00021 U	0.00033 U	0.074 U	0.014 U	0.00024 U
1,2-Dichlorobenzene	1.1	100	0.00016 U	0.00024 U	0.00018 U	0.00029 U	0.065 U	0.013 U	0.00021 U
1,2-Dichloroethane	0.02	3.1	0.00012 U	0.00018 U	0.00014 U	0.00021 U	0.048 U	0.0093 U	0.00016 U
1,2-Dichloroethene, Total	NS	NS	0.00015 U	0.00022 U	0.00017 U	0.00027 U	0.06 U	0.012 U	0.0002 U
1,2-Dichloropropane	NS	NS	0.00024 U	0.00036 U	0.00027 U	0.00043 U	0.096 U	0.019 U	0.00031 U
1,3,5-Trimethylbenzene	8.4	52	0.00015 U	0.00022 U	0.0047 J	0.00027 U	0.06 U	0.012 U	0.0002 U
1,3-Dichlorobenzene	2.4	49	0.00014 U	0.00021 U	0.00016 U	0.00025 U	0.057 U	0.011 U	0.00019 U
1,3-Dichloropropane	NS	NS	0.00016 U	0.00023 U	0.00017 U	0.00027 U	0.061 U	0.012 U	0.0002 U
1,3-Dichloropropene, Total	NS	NS	0.00013 U	0.00018 U	0.00014 U	0.00022 U	0.05 U	0.0097 U	0.00016 U
1,4-Dichlorobenzene	1.8	13	0.00015 U	0.00022 U	0.00017 U	0.00026 U	0.058 U	0.011 U	0.00019 U
1,4-Dioxane	0.1	13	0.016 U	0.023 U	0.017 U	0.027 U	6.1 U	1.2 U	0.02 U
2,2-Dichloropropane	NS	NS	0.00024 U	0.00035 U	0.00027 U	0.00043 U	0.095 U	0.019 U	0.00031 U
2-Butanone	0.12	100	0.0055 J	0.00043 U	0.01 J	0.00051 U	0.11 U	0.022 U	0.0065 J
2-Hexanone	NS	NS	0.00072 U	0.001 U	0.0008 U	0.0012 U	0.28 U	0.055 U	0.00092 U
4-Methyl-2-pentanone	NS	NS	0.00026 U	0.00038 U	0.00029 U	0.00046 U	0.1 U	0.02 U	0.00034 U
Acetone	0.05	100	0.037	0.0029 J	0.042	0.019	0.44 U	0.085 U	0.028
Acrylonitrile	NS	NS	0.00055 U	0.00081 U	0.00062 U	0.00097 U	0.22 U	0.042 U	0.00071 U
Benzene	0.06	4.8	0.00013 U	0.00018 U	0.19	0.00022 U	0.05 U	0.0097 U	0.00016 U
Bromobenzene	NS	NS	0.00022 U	0.00033 U	0.00025 U	0.00039 U	0.088 U	0.017 U	0.00029 U
Bromochloromethane	NS	NS	0.0003 U	0.00043 U	0.00033 U	0.00052 U	0.12 U	0.023 U	0.00038 U
Bromodichloromethane	NS	NS	0.00019 U	0.00027 U	0.00021 U	0.00033 U	0.073 U	0.014 U	0.00024 U
Bromoform	NS	NS	0.00025 U	0.00037 U	0.00028 U	0.00044 U	0.1 U	0.019 U	0.00033 U
Bromomethane	NS	NS	0.00036 U	0.00053 U	0.00041 U	0.00064 U	0.14 U	0.028 U	0.00047 U
Carbon disulfide	NS	NS	0.0012 U	0.0017 U	0.0013 U	0.0021 U	0.46 U	0.091 U	0.0015 U
Carbon tetrachloride	0.76	2.4	0.00022 U	0.00033 U	0.00025 U	0.0004 U	0.089 U	0.017 U	0.00029 U
Chlorobenzene	1.1	100	0.00037 U	0.00055 U	0.00042 U	0.00066 U	0.15 U	0.029 U	0.00048 U
Chloroethane	NS	NS	0.00034 U	0.0005 U	0.00038 U	0.0006 U	0.13 U	0.026 U	0.00044 U
Chloroform	0.37	49	0.0004 U	0.00058 U	0.00044 U	0.0007 U	0.16 U	0.03 U	0.00051 U
Chloromethane	NS	NS	0.00032 U	0.00046 U	0.00035 U	0.00055 U	0.12 U	0.024 U	0.00041 U
cis-1,2-Dichloroethene	0.25	100	0.00015 U	0.00022 U	0.00017 U	0.00027 U	0.06 U	0.012 U	0.0002 U
cis-1,3-Dichloropropene	NS	NS	0.00013 U	0.00018 U	0.00014 U	0.00022 U	0.05 U	0.0097 U	0.00016 U
Dibromochloromethane	NS	NS	0.00016 U	0.00024 U	0.00018 U	0.00029 U	0.065 U	0.013 U	0.00021 U
Dibromomethane	NS	NS	0.00018 U	0.00026 U	0.0002 U	0.00031 U	0.069 U	0.013 U	0.00023 U
Dichlorodifluoromethane	NS	NS	0.0002 U	0.0003 U	0.00023 U	0.00036 U	0.081 U	0.016 U	0.00026 U
Ethyl ether	NS	NS	0.00028 U	0.00041 U	0.00031 U	0.00049 U	0.11 U	0.021 U	0.00036 U
Ethylbenzene	1	41	0.00014 U	0.0002 U	0.00079	0.00024 U	0.054 U	0.01 U	0.00018 U
Hexachlorobutadiene	NS	NS	0.00024 U	0.00036 U	0.00027 U	0.00043 U	0.096 U	0.019 U	0.00031 U
Isopropylbenzene	NS	NS	0.00011 U	0.00016 U	0.00012 U	0.0002 U	0.044 U	0.0086 U	0.00014 U
Methyl tert butyl ether	0.93	100	0.00009 U	0.00013 U	0.0001 U	0.00016 U	0.036 U	0.007 U	0.00012 U
Methylene chloride	0.05	100	0.0012 U	0.0017 U	0.0013 U	0.0021 U	0.47 U	0.091 U	0.0015 U
Naphthalene	12	100	0.00015 U	0.00022 U	0.0066	0.00026 U	0.058 U	0.05 J	0.00019 U
n-Butylbenzene	12	100	0.00012 U	0.00018 U	0.00014 U	0.00022 U	0.048 U	0.0095 U	0.00016 U
n-Propylbenzene	3.9	100	0.00012 U	0.00017 U	0.00013 U	0.0002 U	0.046 U	0.009 U	0.00015 U
o-Chlorotoluene	NS	NS	0.00017 U	0.00025 U	0.00019 U	0.0003 U	0.068 U	0.013 U	0.00022 U
o-Xylene	0.26 TS	100 TS	0.00018 U	0.00027 U	0.0068	0.00032 U	0.072 U	0.014 U	0.00024 U
p/m-Xylene	0.26 TS	100 TS	0.00021 U	0.00031 U	0.0088	0.00037 U	0.084 U	0.016 U	0.00027 U
p-Chlorotoluene	NS	NS	0.00014 U	0.00021 U	0.00016 U	0.00025 U	0.056 U	0.011 U	0.00018 U
p-Diethylbenzene	NS	NS	0.00017 U	0.00025 U	0.0024 J	0.0003 U	0.068 U	0.013 U	0.00022 U
p-Ethyltoluene	NS	NS	0.00013 U	0.00019 U	0.0012 J	0.00023 U	0.052 U	0.01 U	0.00017 U
p-Isopropyltoluene	NS	NS	0.00013 U	0.0002 U	0.00086 J	0.00024 U	0.053 U	0.01 U	0.00017 U
sec-Butylbenzene	11	100	0.00013 U	0.00019 U	0.00015 U	0.00023 U	0.052 U	0.01 U	0.00017 U
Styrene	NS	NS	0.00043 U	0.00063 U	0.00048 U	0.00076 U	0.17 U	0.033 U	0.00056 U
tert-Butylbenzene	5.9	100	0.00014 U	0.00021 U	0.00016 U	0.00026 U	0.057 U	0.011 U	0.00019 U
Tetrachloroethene	1.3	19	0.00015 U	0.00022 U	0.00017 U	0.0052	0.059 U	0.012 U	0.00019 U
Toluene	0.7	100	0.00021 U	0.0003 U	0.018	0.00037 U	0.082 U	0.016 U	0.00027 U
trans-1,2-Dichloroethene	0.19	100	0.00023 U	0.00033 U	0.00025 U	0.0004 U	0.09 U	0.017 U	0.00029 U
trans-1,3-Dichloropropene	NS	NS	0.00013 U	0.00019 U	0.00014 U	0.00023 U	0.051 U	0.01 U	0.00017 U
trans-1,4-Dichloro-2-butene	NS	NS	0.00042 U	0.00062 U	0.00047 U	0.00074 U	0.16 U	0.032 U	0.00054 U
Trichloroethene	0.47	21	0.00013 U	0.0002 U	0.00015 U	0.0024	0.053 U	0.01 U	0.00017 U
Trichlorofluoromethane	NS	NS	0.00042 U	0.00061 U	0.00047 U	0.00073 U	0.16 U	0.032 U	0.00054 U
Vinyl acetate	NS	NS	0.00014 U	0.00021 U	0.00016 U	0.00025 U	0.056 U	0.011 U	0.00018 U
Vinyl chloride	0.02	0.9	0.00013 U	0.00018 U	0.00014 U	0.00022 U	0.05 U	0.0097 U	0.00016 U
Xylenes, Total	0.26	100	0.00018 U	0.00027 U	0.016	0.00032 U	0.072 U	0.014 U	0.00024 U

Table 1
470 Manhattan Avenue
Brooklyn, NY
Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Restricted Residential SCO mg/kg	SB-8 (1-2)G L1524249-14 9/28/2015 1	SB-8 (5-6)G L1524249-16 9/28/2015 1	SB-9 (1-2)G L1525736-06 10/9/2015 1	SB-9 (4-5)G L1525736-08 10/9/2015 1	SB-10 (1-2)G L1525736-10 10/9/2015 1	SB-10 (4-5)G L1525736-12 10/9/2015 1
Lab Sample ID	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
1,1,1,2-Tetrachloroethane	NS	NS	0.00041 U	0.00054 U	0.00044 U	0.00038 U	0.00035 U	0.00043 U
1,1,1-Trichloroethane	0.68	100	0.00014 U	0.00019 U	0.00016 U	0.00013 U	0.00012 U	0.00015 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00013 U	0.00017 U	0.00014 U	0.00012 U	0.00011 U	0.00014 U
1,1,2-Trichloroethane	NS	NS	0.00039 U	0.00052 U	0.00043 U	0.00037 U	0.00033 U	0.00041 U
1,1-Dichloroethane	0.27	26	0.00011 U	0.00014 U	0.00012 U	0.0001 U	0.00009 U	0.00012 U
1,1-Dichloropropene	0.33	100	0.00034 U	0.00044 U	0.00037 U	0.00032 U	0.00029 U	0.00036 U
1,1-Dichloropropene	NS	NS	0.00018 U	0.00024 U	0.0002 U	0.00017 U	0.00016 U	0.00019 U
1,2,3-Trichlorobenzene	NS	NS	0.00019 U	0.00025 U	0.00021 U	0.00018 U	0.00016 U	0.0002 U
1,2,3-Trichloropropane	NS	NS	0.00021 U	0.00028 U	0.00023 U	0.0002 U	0.00018 U	0.00022 U
1,2,4,5-Tetramethylbenzene	NS	NS	0.00017 U	0.00022 U	0.00018 U	0.00016 U	0.00014 U	0.00018 U
1,2,4-Trichlorobenzene	NS	NS	0.00024 U	0.00031 U	0.00025 U	0.00022 U	0.0002 U	0.00025 U
1,2,4-Trimethylbenzene	3.6	52	0.00018 U	0.00024 U	0.0002 U	0.00017 U	0.00016 U	0.00019 U
1,2-Dibromo-3-chloropropane	NS	NS	0.00051 U	0.00067 U	0.00055 U	0.00048 U	0.00044 U	0.00054 U
1,2-Dibromoethane	NS	NS	0.00023 U	0.0003 U	0.00024 U	0.00021 U	0.00019 U	0.00024 U
1,2-Dichlorobenzene	1.1	100	0.0002 U	0.00026 U	0.00021 U	0.00018 U	0.00017 U	0.00021 U
1,2-Dichloroethane	0.02	3.1	0.00015 U	0.00019 U	0.00016 U	0.00014 U	0.00012 U	0.00015 U
1,2-Dichloroethene, Total	NS	NS	0.00018 U	0.00024 U	0.0002 U	0.00017 U	0.00016 U	0.00019 U
1,2-Dichloropropane	NS	NS	0.0003 U	0.00039 U	0.00032 U	0.00028 U	0.00025 U	0.00031 U
1,3,5-Trimethylbenzene	8.4	52	0.00019 U	0.00024 U	0.0002 U	0.00017 U	0.00016 U	0.00019 U
1,3-Dichlorobenzene	2.4	49	0.00018 U	0.00023 U	0.00019 U	0.00016 U	0.00015 U	0.00018 U
1,3-Dichloropropane	NS	NS	0.00019 U	0.00025 U	0.0002 U	0.00018 U	0.00016 U	0.0002 U
1,3-Dichloropropene, Total	NS	NS	0.00015 U	0.0002 U	0.00016 U	0.00014 U	0.00013 U	0.00016 U
1,4-Dichlorobenzene	1.8	13	0.00018 U	0.00023 U	0.00019 U	0.00017 U	0.00015 U	0.00019 U
1,4-Dioxane	0.1	13	0.019 U	0.024 U	0.02 U	0.017 U	0.016 U	0.02 U
2,2-Dichloropropane	NS	NS	0.00029 U	0.00038 U	0.00032 U	0.00027 U	0.00025 U	0.00031 U
2-Butanone	0.12	100	0.00035 U	0.013 J	0.00038 U	0.00033 U	0.0003 U	0.00037 U
2-Hexanone	NS	NS	0.00086 U	0.011 U	0.00093 U	0.0008 U	0.00073 U	0.0009 U
4-Methyl-2-pentanone	NS	NS	0.00032 U	0.00041 U	0.00034 U	0.00029 U	0.00027 U	0.00033 U
Acetone	0.05	100	0.0013 U	0.065	0.0014 U	0.0026 J	0.0038 J	0.0066 J
Acrylonitrile	NS	NS	0.00067 U	0.00087 U	0.00072 U	0.00062 U	0.00056 U	0.0007 U
Benzene	0.06	4.8	0.00015 U	0.0002 U	0.00016 U	0.00014 U	0.00013 U	0.00016 U
Bromobenzene	NS	NS	0.00027 U	0.00035 U	0.00029 U	0.00025 U	0.00023 U	0.00028 U
Bromochloromethane	NS	NS	0.00036 U	0.00047 U	0.00039 U	0.00033 U	0.0003 U	0.00037 U
Bromodichloromethane	NS	NS	0.00022 U	0.00029 U	0.00024 U	0.00021 U	0.00019 U	0.00023 U
Bromoform	NS	NS	0.00031 U	0.0004 U	0.00033 U	0.00028 U	0.00026 U	0.00032 U
Bromomethane	NS	NS	0.00044 U	0.00057 U	0.00047 U	0.00041 U	0.00037 U	0.00046 U
Carbon disulfide	NS	NS	0.0014 U	0.0019 U	0.0015 U	0.0013 U	0.0012 U	0.0015 U
Carbon tetrachloride	0.76	2.4	0.00027 U	0.00036 U	0.00029 U	0.00025 U	0.00023 U	0.00028 U
Chlorobenzene	1.1	100	0.00045 U	0.00059 U	0.00049 U	0.00042 U	0.00038 U	0.00047 U
Chloroethane	NS	NS	0.00041 U	0.00054 U	0.00044 U	0.00038 U	0.00035 U	0.00043 U
Chloroform	0.37	49	0.0018 J	0.00063 U	0.00052 U	0.00045 U	0.00041 U	0.0005 U
Chloromethane	NS	NS	0.00038 U	0.0005 U	0.00041 U	0.00036 U	0.00032 U	0.0004 U
cis-1,2-Dichloroethene	0.25	100	0.00018 U	0.00024 U	0.0002 U	0.00017 U	0.00016 U	0.00019 U
cis-1,3-Dichloropropene	NS	NS	0.00015 U	0.0002 U	0.00016 U	0.00014 U	0.00013 U	0.00016 U
Dibromochloromethane	NS	NS	0.0002 U	0.00026 U	0.00022 U	0.00018 U	0.00017 U	0.00021 U
Dibromomethane	NS	NS	0.00021 U	0.00028 U	0.00023 U	0.0002 U	0.00018 U	0.00022 U
Dichlorodifluoromethane	NS	NS	0.00025 U	0.00032 U	0.00027 U	0.00023 U	0.00021 U	0.00026 U
Ethyl ether	NS	NS	0.00034 U	0.00044 U	0.00036 U	0.00031 U	0.00028 U	0.00035 U
Ethylbenzene	1	41	0.00016 U	0.00022 U	0.00018 U	0.00015 U	0.00014 U	0.00017 U
Hexachlorobutadiene	NS	NS	0.0003 U	0.00039 U	0.00032 U	0.00028 U	0.00025 U	0.00031 U
Isopropylbenzene	NS	NS	0.00013 U	0.00018 U	0.00014 U	0.00012 U	0.00011 U	0.00014 U
Methyl tert butyl ether	0.93	100	0.00011 U	0.00014 U	0.00012 U	0.0001 U	0.00009 U	0.00011 U
Methylene chloride	0.05	100	0.0014 U	0.0019 U	0.0015 U	0.0013 U	0.0012 U	0.0015 U
Naphthalene	12	100	0.00018 U	0.00023 U	0.00019 U	0.00017 U	0.00015 U	0.011
n-Butylbenzene	12	100	0.00015 U	0.00019 U	0.00016 U	0.00014 U	0.00013 U	0.00016 U
n-Propylbenzene	3.9	100	0.00014 U	0.00018 U	0.00015 U	0.00013 U	0.00012 U	0.00015 U
o-Chlorotoluene	NS	NS	0.00021 U	0.00027 U	0.00022 U	0.00019 U	0.00018 U	0.00022 U
o-Xylene	0.26 TS	100 TS	0.00022 U	0.00029 U	0.00024 U	0.00021 U	0.00019 U	0.00023 U
p/m-Xylene	0.26 TS	100 TS	0.00026 U	0.00034 U	0.00028 U	0.00024 U	0.00022 U	0.00027 U
p-Chlorotoluene	NS	NS	0.00017 U	0.00022 U	0.00019 U	0.00016 U	0.00014 U	0.00018 U
p-Diethylbenzene	NS	NS	0.00021 U	0.00027 U	0.00022 U	0.00019 U	0.00018 U	0.00022 U
p-Ethyltoluene	NS	NS	0.00016 U	0.00021 U	0.00017 U	0.00015 U	0.00014 U	0.00017 U
p-Isopropyltoluene	NS	NS	0.00016 U	0.00021 U	0.00018 U	0.00015 U	0.00014 U	0.00017 U
sec-Butylbenzene	11	100	0.00016 U	0.00021 U	0.00017 U	0.00015 U	0.00013 U	0.00016 U
Styrene	NS	NS	0.00052 U	0.00068 U	0.00056 U	0.00048 U	0.00044 U	0.00054 U
tert-Butylbenzene	5.9	100	0.00018 U	0.00023 U	0.00019 U	0.00016 U	0.00015 U	0.00018 U
Tetrachloroethene	1.3	19	0.00018 U	0.00024 U	0.0002 U	0.00017 U	0.00015 U	0.00019 U
Toluene	0.7	100	0.00025 U	0.00033 U	0.00027 U	0.00024 U	0.00021 U	0.00026 U
trans-1,2-Dichloroethene	0.19	100	0.00028 U	0.00036 U	0.0003 U	0.00026 U	0.00023 U	0.00029 U
trans-1,3-Dichloropropene	NS	NS	0.00016 U	0.0002 U	0.00017 U	0.00015 U	0.00013 U	0.00016 U
trans-1,4-Dichloro-2-butene	NS	NS	0.00051 U	0.00066 U	0.00055 U	0.00047 U	0.00043 U	0.00053 U
Trichloroethene	0.47	21	0.00016 U	0.00021 U	0.00018 U	0.00015 U	0.00014 U	0.00017 U
Trichlorofluoromethane	NS	NS	0.0005 U	0.00066 U	0.00054 U	0.00047 U	0.00043 U	0.00053 U
Vinyl acetate	NS	NS	0.00017 U	0.00022 U	0.00018 U	0.00016 U	0.00014 U	0.00018 U
Vinyl chloride	0.02	0.9	0.00015 U	0.0002 U	0.00016 U	0.00014 U	0.00013 U	0.00016 U
Xylenes, Total	0.26	100	0.00022 U	0.00029 U	0.00024 U	0.00021 U	0.00019 U	0.00023 U

Table 2
470 Manhattan Avenue
 Brooklyn, NY
 Soil Analytical Results
Semi Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Restricted Residential SCO	SB-1 (0-2) L1524249-01 9/28/2015 1/2*	SB-1 (4-6) L1524249-03 9/28/2015 1	SB-2 (0-2) L1524249-17 9/28/2015 1	SB-2 (4-6) L1524249-19 9/28/2015 1	SB-3 (0-2) L1524249-21 9/28/2015 1	SB-3 (4-6) L1524249-23 9/28/2015 1	SB-4 (0-2) L1525736-01 10/9/2015 1
1,2,4,5-Tetrachlorobenzene	NS	NS	0.06 U	0.062 U	0.058 U	0.065 U	0.062 U	0.057 U	0.064 U
1,2,4-Trichlorobenzene	NS	NS	0.064 U	0.066 U	0.062 U	0.069 U	0.066 U	0.06 U	0.067 U
1,2-Dichlorobenzene	1.1	100	0.064 U	0.066 U	0.062 U	0.069 U	0.066 U	0.06 U	0.067 U
1,3-Dichlorobenzene	2.4	49	0.062 U	0.063 U	0.059 U	0.067 U	0.063 U	0.058 U	0.065 U
1,4-Dichlorobenzene	1.8	13	0.059 U	0.061 U	0.057 U	0.064 U	0.061 U	0.056 U	0.062 U
2,4,5-Trichlorophenol	NS	NS	0.063 U	0.065 U	0.061 U	0.068 U	0.065 U	0.06 U	0.088 J
2,4,6-Trichlorophenol	NS	NS	0.037 U	0.038 U	0.036 U	0.04 U	0.038 U	0.035 U	0.053 J
2,4-Dichlorophenol	NS	NS	0.063 U	0.065 U	0.061 U	0.068 U	0.065 U	0.06 U	0.066 U
2,4-Dimethylphenol	NS	NS	0.058 U	0.06 U	0.056 U	0.063 U	0.06 U	0.055 U	0.061 U
2,4-Dinitrophenol	NS	NS	0.27 U	0.28 U	0.26 U	0.29 U	0.28 U	0.25 U	0.28 U
2,4-Dinitrotoluene	NS	NS	0.042 U	0.043 U	0.041 U	0.046 U	0.043 U	0.04 U	0.044 U
2,6-Dinitrotoluene	NS	NS	0.05 U	0.052 U	0.048 U	0.054 U	0.052 U	0.047 U	0.052 U
2-Chloronaphthalene	NS	NS	0.064 U	0.066 U	0.062 U	0.069 U	0.066 U	0.06 U	0.067 U
2-Chlorophenol	NS	NS	0.059 U	0.061 U	0.057 U	0.064 U	0.061 U	0.056 U	0.062 U
2-Methylnaphthalene	NS	NS	0.7	0.41	0.06 U	0.087 J	0.19 J	0.059 U	0.32
2-Methylphenol	0.33	100	0.063 U	0.065 U	0.061 U	0.068 U	0.065 U	0.059 U	0.25
2-Nitroaniline	NS	NS	0.055 U	0.057 U	0.053 U	0.06 U	0.057 U	0.052 U	0.17 J
2-Nitrophenol	NS	NS	0.061 U	0.063 U	0.059 U	0.066 U	0.063 U	0.057 U	0.064 U
3,3'-Dichlorobenzidine	NS	NS	0.052 U	0.054 U	0.05 U	0.056 U	0.054 U	0.049 U	0.055 U
3-Methylphenol/4-Methylphenol	0.33	100	0.084 J	0.82	0.062 U	0.1 J	0.066 U	0.06 U	1.3
3-Nitroaniline	NS	NS	0.054 U	0.056 U	0.052 U	0.058 U	0.056 U	0.051 U	0.057 U
4,6-Dinitro-o-cresol	NS	NS	0.072 U	0.074 U	0.069 U	0.077 U	0.074 U	0.067 U	0.075 U
4-Bromophenyl phenyl ether	NS	NS	0.045 U	0.046 U	0.043 U	0.049 U	0.046 U	0.042 U	0.047 U
4-Chloroaniline	NS	NS	0.052 U	0.053 U	0.05 U	0.056 U	0.053 U	0.049 U	0.054 U
4-Chlorophenyl phenyl ether	NS	NS	0.059 U	0.061 U	0.057 U	0.064 U	0.061 U	0.056 U	0.062 U
4-Nitroaniline	NS	NS	0.053 U	0.054 U	0.051 U	0.057 U	0.054 U	0.05 U	0.1 J
4-Nitrophenol	NS	NS	0.063 U	0.065 U	0.061 U	0.068 U	0.065 U	0.06 U	0.066 U
Acenaphthene	20	100	1.6	0.91	0.16	0.055 J	0.56	0.038 U	0.58
Acenaphthylene	100	100	0.66	0.28	0.38	0.51	0.19	0.034 U	0.33
Acetophenone	NS	NS	0.06 U	0.062 U	0.058 U	0.066 U	0.062 U	0.057 U	0.064 U
Anthracene	100	100	2.9	1.6	0.46	0.37	1	0.089 J	1.2
Benzo(a)anthracene	1	1	4.8	2.3	0.68	1.5	2.4	0.28	1.9
Benzo(a)pyrene	1	1	4.2	1.9	0.91	2	2.3	0.26	1.6
Benzo(b)fluoranthene	1	1	5.1	2.4	1.1	2.6	2.7	0.3	2.1
Benzo(ghi)perylene	100	100	2.5	1.1	0.61	1.4	1.4	0.16	0.97
Benzo(k)fluoranthene	0.8	3.9	1.7	0.88	0.39	0.95	1.2	0.12	0.8
Benzoic Acid	NS	NS	0.2 U	0.2 U	0.23 J	0.21 U	0.2 U	0.19 U	0.66
Benzyl Alcohol	NS	NS	0.06 U	0.062 U	0.058 U	0.065 U	0.062 U	0.057 U	0.67
Biphenyl	NS	NS	0.25 J	0.13 J	0.062 U	0.07 U	0.066 U	0.061 U	0.11 J
Bis(2-chloroethoxy)methane	NS	NS	0.059 U	0.061 U	0.057 U	0.064 U	0.061 U	0.056 U	0.062 U
Bis(2-chloroethyl)ether	NS	NS	0.055 U	0.056 U	0.053 U	0.059 U	0.056 U	0.052 U	0.058 U
Bis(2-chloroisopropyl)ether	NS	NS	0.069 U	0.071 U	0.066 U	0.074 U	0.071 U	0.065 U	0.072 U
Bis(2-Ethylhexyl)phthalate	NS	NS	0.34	0.3	0.049 U	0.055 U	1.6	0.66	0.47
Butyl benzyl phthalate	NS	NS	0.038 U	0.039 U	0.037 U	0.041 U	0.039 U	0.036 U	0.31
Carbazole	NS	NS	1.4	0.76	0.15 J	0.24	0.49	0.04 U	0.69
Chrysene	1	3.9	4.8	2.4	0.88	1.9	2.6	0.3	2
Dibenzo(a,h)anthracene	0.33	0.33	0.62	0.29	0.15	0.45	0.34	0.042 J	0.39
Dibenzofuran	7	59	1.3	0.74	0.078 J	0.14 J	0.34	0.062 U	0.51
Diethyl phthalate	NS	NS	0.041 U	0.042 U	0.04 U	0.045 U	0.042 U	0.039 U	0.058 J
Dimethyl phthalate	NS	NS	0.05 U	0.051 U	0.048 U	0.054 U	0.051 U	0.047 U	0.052 U
Di-n-butylphthalate	NS	NS	0.038 U	0.039 U	0.036 U	0.041 U	0.039 U	0.036 U	0.12 J
Di-n-octylphthalate	NS	NS	0.048 U	0.05 U	0.046 U	0.052 U	0.05 U	0.045 U	0.26
Fluoranthene	100	100	9.3	5.6	2.1	3.1	5.6	0.53	4.7
Fluorene	30	100	1.8	0.98	0.18 J	0.14 J	0.5	0.053 U	0.7
Hexachlorobenzene	0.33	1.2	0.036 U	0.038 U	0.035 U	0.039 U	0.038 U	0.034 U	0.038 U
Hexachlorobutadiene	NS	NS	0.055 U	0.057 U	0.053 U	0.06 U	0.057 U	0.052 U	0.058 U
Hexachlorocyclopentadiene	NS	NS	0.12 U	0.13 U	0.12 U	0.14 U	0.13 U	0.12 U	0.13 U
Hexachloroethane	NS	NS	0.036 U	0.037 U	0.034 U	0.038 U	0.036 U	0.034 U	0.037 U
Indeno(1,2,3-cd)Pyrene	0.5	0.5	2.6	1.1	0.63	1.4	1.5	0.15	1.1
Isophorone	NS	NS	0.052 U	0.054 U	0.05 U	0.056 U	0.054 U	0.049 U	0.055 U
Naphthalene	12	100	1.4	0.81	0.074 J	0.26	0.49	0.061 U	1.3
Nitrobenzene	NS	NS	0.046 U	0.048 U	0.045 U	0.05 U	0.048 U	0.044 U	0.049 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	NS	0.041 U	0.042 U	0.04 U	0.044 U	0.042 U	0.039 U	0.043 U
n-Nitrosodi-n-propylamine	NS	NS	0.058 U	0.06 U	0.056 U	0.063 U	0.06 U	0.055 U	0.061 U
p-Chloro-M-Cresol	NS	NS	0.057 U	0.058 U	0.055 U	0.061 U	0.058 U	0.053 U	0.066 J
Pentachlorophenol	0.8	6.7	0.042 U	0.043 U	0.04 U	0.045 U	0.043 U	0.039 U	0.32
Phenanthrene	100	100	10	6.4	1.9	1.7	5	0.39	4.6
Phenol	0.33	100	0.058 U	0.06 U	0.056 U	0.062 U	0.06 U	0.054 U	1.3
Pyrene	100	100	8.4	4.7	1.9	2.7	5.3	0.54	4
Total Concentration	NS	NS	66.4	36.8	13	21.6	35.7	3.8	36.1

Table 2
470 Manhattan Avenue
 Brooklyn, NY
 Soil Analytical Results
Semi Volatile Organic Compounds

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Restricted Residential SCO	SB-4 (4-6) L1525736-03 10/9/2015	SB-5 (0-2) L1524249-29 9/29/2015	SB-5 (4-6) L1524249-31 9/29/2015	SB-6 (0-2) L1524249-05 9/28/2015	SB-6 (4-6) L1524249-07 9/28/2015	SB-7 (0-2) L1524249-09 9/28/2015	SB-7 (8-10) L1524249-11 9/28/2015
Lab Sample ID	mg/kg	mg/kg							
Date Sampled									
Dilution									
*Dilution factor varies									
mg/kg									
1,2,4,5-Tetrachlorobenzene	NS	NS	0.062 U	0.075 U	0.061 U	0.074 U	0.063 U	0.064 U	0.074 U
1,2,4-Trichlorobenzene	NS	NS	0.066 U	0.079 U	0.065 U	0.078 U	0.066 U	0.068 U	0.078 U
1,2-Dichlorobenzene	1.1	100	0.066 U	0.079 U	0.065 U	0.078 U	0.066 U	0.068 U	0.078 U
1,3-Dichlorobenzene	2.4	49	0.063 U	0.076 U	0.062 U	0.075 U	0.064 U	0.065 U	0.075 U
1,4-Dichlorobenzene	1.8	13	0.061 U	0.073 U	0.06 U	0.072 U	0.062 U	0.063 U	0.072 U
2,4,5-Trichlorophenol	NS	NS	0.065 U	0.078 U	0.064 U	0.077 U	0.066 U	0.067 U	0.077 U
2,4,6-Trichlorophenol	NS	NS	0.038 U	0.045 U	0.037 U	0.045 U	0.038 U	0.039 U	0.045 U
2,4-Dichlorophenol	NS	NS	0.065 U	0.078 U	0.064 U	0.077 U	0.066 U	0.067 U	0.077 U
2,4-Dimethylphenol	NS	NS	0.06 U	0.072 U	0.059 U	0.071 U	0.06 U	0.062 U	0.071 U
2,4-Dinitrophenol	NS	NS	0.28 U	0.33 U	0.27 U	0.32 U	0.28 U	0.28 U	0.33 U
2,4-Dinitrotoluene	NS	NS	0.043 U	0.052 U	0.043 U	0.051 U	0.044 U	0.044 U	0.051 U
2,6-Dinitrotoluene	NS	NS	0.052 U	0.062 U	0.05 U	0.061 U	0.052 U	0.053 U	0.061 U
2-Chloronaphthalene	NS	NS	0.066 U	0.078 U	0.064 U	0.078 U	0.066 U	0.067 U	0.078 U
2-Chlorophenol	NS	NS	0.061 U	0.073 U	0.06 U	0.072 U	0.061 U	0.062 U	0.072 U
2-Methylnaphthalene	NS	NS	0.064 U	0.077 U	0.063 U	0.14 J	0.065 U	0.066 U	0.076 U
2-Methylphenol	0.33	100	0.065 U	0.078 U	0.064 U	0.077 U	0.065 U	0.066 U	0.077 U
2-Nitroaniline	NS	NS	0.057 U	0.068 U	0.056 U	0.067 U	0.057 U	0.058 U	0.067 U
2-Nitrophenol	NS	NS	0.063 U	0.075 U	0.062 U	0.074 U	0.063 U	0.064 U	0.074 U
3,3'-Dichlorobenzidine	NS	NS	0.054 U	0.064 U	0.052 U	0.063 U	0.054 U	0.055 U	0.063 U
3-Methylphenol/4-Methylphenol	0.33	100	0.084 J	0.079 J	0.065 U	0.078 U	0.066 U	0.068 U	0.7
3-Nitroaniline	NS	NS	0.056 U	0.066 U	0.054 U	0.066 U	0.056 U	0.057 U	0.066 U
4,6-Dinitro-o-cresol	NS	NS	0.074 U	0.088 U	0.072 U	0.087 U	0.074 U	0.076 U	0.087 U
4-Bromophenyl phenyl ether	NS	NS	0.046 U	0.055 U	0.045 U	0.055 U	0.047 U	0.047 U	0.055 U
4-Chloroaniline	NS	NS	0.053 U	0.064 U	0.052 U	0.063 U	0.054 U	0.054 U	0.063 U
4-Chlorophenyl phenyl ether	NS	NS	0.061 U	0.073 U	0.06 U	0.072 U	0.062 U	0.063 U	0.072 U
4-Nitroaniline	NS	NS	0.054 U	0.065 U	0.053 U	0.064 U	0.055 U	0.33	0.064 U
4-Nitrophenol	NS	NS	0.065 U	0.078 U	0.064 U	0.077 U	0.066 U	0.067 U	0.077 U
Acenaphthene	20	100	0.041 U	0.05 U	0.041 U	0.43	0.042 U	0.049 J	0.13 J
Acenaphthylene	100	100	0.038 U	0.045 U	0.037 U	0.17 J	0.038 U	0.052 J	0.11 J
Acetophenone	NS	NS	0.062 U	0.075 U	0.061 U	0.074 U	0.063 U	0.064 U	0.074 U
Anthracene	100	100	0.06 J	0.075 J	0.033 U	0.81	0.065 J	0.19	0.33
Benzo(a)anthracene	1	1	0.14	0.25	0.039 U	1.6	0.12	0.4	0.72
Benzo(a)pyrene	1	1	0.13 J	0.27	0.048 U	1.5	0.1 J	0.36	0.63
Benzo(b)fluoranthene	1	1	0.16	0.32	0.04 U	1.9	0.13	0.5	0.74
Benzo(ghi)perylene	100	100	0.083 J	0.16 J	0.041 U	0.99	0.063 J	0.33	0.33
Benzo(k)fluoranthene	0.8	3.9	0.054 J	0.12 J	0.038 U	0.64	0.05 J	0.15	0.3
Benzoic Acid	NS	NS	0.2 U	0.24 U	0.2 U	0.24 U	0.2 U	0.21 U	0.24 U
Benzyl Alcohol	NS	NS	0.062 U	0.074 U	0.061 U	0.073 U	0.062 U	0.064 U	0.073 U
Biphenyl	NS	NS	0.066 U	0.079 U	0.065 U	0.078 U	0.067 U	0.068 U	0.079 U
Bis(2-chloroethoxy)methane	NS	NS	0.061 U	0.073 U	0.06 U	0.072 U	0.061 U	0.062 U	0.072 U
Bis(2-chloroethyl)ether	NS	NS	0.056 U	0.068 U	0.055 U	0.067 U	0.057 U	0.058 U	0.067 U
Bis(2-chloroisopropyl)ether	NS	NS	0.071 U	0.085 U	0.07 U	0.084 U	0.071 U	0.073 U	0.084 U
Bis(2-Ethylhexyl)phthalate	NS	NS	0.17 J	0.063 U	0.13 J	0.16 J	0.34	0.054 U	0.062 U
Butyl benzyl phthalate	NS	NS	0.039 U	0.047 U	0.039 U	0.046 U	0.04 U	0.04 U	0.046 U
Carbazole	NS	NS	0.043 U	0.052 U	0.042 U	0.3	0.044 U	0.065 J	0.13 J
Chrysene	1	3.9	0.14	0.27	0.039 U	1.8	0.14	0.43	0.74
Dibenzo(a,h)anthracene	0.33	0.33	0.039 U	0.047 U	0.038 U	0.23	0.039 U	0.073 J	0.089 J
Dibenzofuran	7	59	0.067 U	0.08 U	0.066 U	0.3	0.068 U	0.069 U	0.1 J
Diethyl phthalate	NS	NS	0.042 U	0.051 U	0.042 U	0.05 U	0.043 U	0.044 U	0.05 U
Dimethyl phthalate	NS	NS	0.051 U	0.061 U	0.05 U	0.06 U	0.051 U	0.052 U	0.06 U
Di-n-butylphthalate	NS	NS	0.039 U	0.046 U	0.038 U	0.046 U	0.039 U	0.04 U	0.046 U
Di-n-octylphthalate	NS	NS	0.05 U	0.059 U	0.048 U	0.058 U	0.05 U	0.051 U	0.059 U
Fluoranthene	100	100	0.34	0.56	0.036 U	3.8	0.3	0.88	1.6
Fluorene	30	100	0.058 U	0.069 U	0.057 U	0.45	0.058 U	0.061 J	0.16 J
Hexachlorobenzene	0.33	1.2	0.038 U	0.045 U	0.037 U	0.044 U	0.038 U	0.038 U	0.044 U
Hexachlorobutadiene	NS	NS	0.057 U	0.068 U	0.056 U	0.067 U	0.057 U	0.058 U	0.067 U
Hexachlorocyclopentadiene	NS	NS	0.13 U	0.15 U	0.13 U	0.15 U	0.13 U	0.13 U	0.15 U
Hexachloroethane	NS	NS	0.037 U	0.044 U	0.036 U	0.043 U	0.037 U	0.038 U	0.043 U
Indeno(1,2,3-cd)Pyrene	0.5	0.5	0.089 J	0.17 J	0.044 U	1	0.066 J	0.33	0.36
Isophorone	NS	NS	0.054 U	0.064 U	0.052 U	0.063 U	0.054 U	0.055 U	0.063 U
Naphthalene	12	100	0.067 U	0.08 U	0.066 U	0.32	0.089 J	0.13 J	0.15 J
Nitrobenzene	NS	NS	0.048 U	0.057 U	0.047 U	0.057 U	0.048 U	0.049 U	0.057 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	NS	0.042 U	0.05 U	0.041 U	0.05 U	0.042 U	0.043 U	0.05 U
n-Nitrosodi-n-propylamine	NS	NS	0.06 U	0.072 U	0.059 U	0.071 U	0.06 U	0.062 U	0.071 U
p-Chloro-M-Cresol	NS	NS	0.058 U	0.07 U	0.057 U	0.069 U	0.059 U	0.06 U	0.069 U
Pentachlorophenol	0.8	6.7	0.043 U	0.052 U	0.042 U	0.051 U	0.043 U	0.044 U	0.051 U
Phenanthrene	100	100	0.24	0.35	0.039 U	3.6	0.25	0.69	1.2
Phenol	0.33	100	0.06 U	0.071 U	0.058 U	0.07 U	0.06 U	0.061 U	0.07 U
Pyrene	100	100	0.29	0.52	0.038 U	3.3	0.24	0.72	1.3
Total Concentration	NS	NS	2	3.1	0.1	23.4	2	5.7	9.8

Table 2
470 Manhattan Avenue
 Brooklyn, NY
 Soil Analytical Results
Semi Volatile Organic Compounds

Client ID	NYSDEC Part 375	NYSDEC Part 375	SB-8 (0-2) L1524249-13	SB-8 (4-6) L1524249-15	SB-9 (0-2) L1525736-05	SB-9 (4-6) L1525736-07	SB-10 (0-2) L1525736-09	SB-10 (4-6) L1525736-11
Lab Sample ID	Unrestricted	Restricted	9/28/2015	9/28/2015	10/9/2015	10/9/2015	10/9/2015	10/9/2015
Date Sampled	SCO	Residential	1	1	1	1	1/5*	1/10*
Dilution	mg/kg	SCO	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
*Dilution factor varies								
1,2,4,5-Tetrachlorobenzene	NS	NS	0.061 U	0.066 U	0.059 U	0.069 U	0.061 U	0.06 U
1,2,4-Trichlorobenzene	NS	NS	0.064 U	0.07 U	0.063 U	0.073 U	0.065 U	0.064 U
1,2-Dichlorobenzene	1.1	100	0.065 U	0.07 U	0.063 U	0.073 U	0.065 U	0.064 U
1,3-Dichlorobenzene	2.4	49	0.062 U	0.068 U	0.06 U	0.07 U	0.062 U	0.062 U
1,4-Dichlorobenzene	1.8	13	0.06 U	0.065 U	0.058 U	0.068 U	0.06 U	0.059 U
2,4,5-Trichlorophenol	NS	NS	0.064 U	0.07 U	0.062 U	0.072 U	0.064 U	0.063 U
2,4,6-Trichlorophenol	NS	NS	0.037 U	0.04 U	0.036 U	0.042 U	0.037 U	0.037 U
2,4-Dichlorophenol	NS	NS	0.064 U	0.07 U	0.062 U	0.072 U	0.064 U	0.063 U
2,4-Dimethylphenol	NS	NS	0.059 U	0.064 U	0.057 U	0.066 U	0.059 U	0.058 U
2,4-Dinitrophenol	NS	NS	0.27 U	0.29 U	0.26 U	0.3 U	0.27 U	0.27 U
2,4-Dinitrotoluene	NS	NS	0.042 U	0.046 U	0.041 U	0.048 U	0.042 U	0.042 U
2,6-Dinitrotoluene	NS	NS	0.05 U	0.055 U	0.049 U	0.057 U	0.05 U	0.05 U
2-Chloronaphthalene	NS	NS	0.064 U	0.07 U	0.062 U	0.073 U	0.064 U	0.064 U
2-Chlorophenol	NS	NS	0.059 U	0.065 U	0.058 U	0.067 U	0.06 U	0.059 U
2-Methylnaphthalene	NS	NS	0.063 U	0.068 U	0.061 U	0.071 U	1	2.3
2-Methylphenol	0.33	100	0.063 U	0.069 U	0.062 U	0.072 U	0.064 U	0.093 J
2-Nitroaniline	NS	NS	0.056 U	0.06 U	0.054 U	0.063 U	0.056 U	0.055 U
2-Nitrophenol	NS	NS	0.061 U	0.067 U	0.06 U	0.07 U	0.062 U	0.061 U
3,3'-Dichlorobenzidine	NS	NS	0.052 U	0.057 U	0.051 U	0.059 U	0.052 U	0.052 U
3-Methylphenol/4-Methylphenol	0.33	100	0.064 U	1.1	0.063 U	0.073 U	0.11 J	0.26 J
3-Nitroaniline	NS	NS	0.054 U	0.059 U	0.053 U	0.062 U	0.054 U	0.054 U
4,6-Dinitro-o-cresol	NS	NS	0.072 U	0.078 U	0.07 U	0.082 U	0.072 U	0.072 U
4-Bromophenyl phenyl ether	NS	NS	0.045 U	0.049 U	0.044 U	0.051 U	0.045 U	0.045 U
4-Chloroaniline	NS	NS	0.052 U	0.057 U	0.05 U	0.059 U	0.052 U	0.052 U
4-Chlorophenyl phenyl ether	NS	NS	0.06 U	0.065 U	0.058 U	0.068 U	0.06 U	0.059 U
4-Nitroaniline	NS	NS	0.053 U	0.058 U	0.052 U	0.06 U	0.053 U	0.053 U
4-Nitrophenol	NS	NS	0.064 U	0.07 U	0.062 U	0.072 U	0.064 U	0.063 U
Acenaphthene	20	100	0.12 J	0.044 U	0.16	0.046 U	2.6	5.2
Acenaphthylene	100	100	0.04 J	0.04 U	0.036 U	0.042 U	0.42	1.5
Acetophenone	NS	NS	0.061 U	0.066 U	0.059 U	0.069 U	0.061 U	0.06 U
Anthracene	100	100	0.3	0.072 J	0.38	0.086 J	5.2	12
Benzo(a)anthracene	1	1	0.51	0.12 J	1.1	0.22	7.8	19
Benzo(a)pyrene	1	1	0.46	0.11 J	1.1	0.22	6.6	16
Benzo(b)fluoranthene	1	1	0.54	0.14	1.4	0.31	9.8	21
Benzo(ghi)perylene	100	100	0.24	0.07 J	0.71	0.15 J	3.8	8.5
Benzo(k)fluoranthene	0.8	3.9	0.22	0.055 J	0.46	0.093 J	3	5.9
Benzoic Acid	NS	NS	0.2 U	0.22 U	0.19 U	0.23 U	0.2 U	0.2 U
Benzyl Alcohol	NS	NS	0.061 U	0.066 U	0.059 U	0.069 U	0.061 U	0.06 U
Biphenyl	NS	NS	0.065 U	0.071 U	0.063 U	0.074 U	0.34 J	0.8
Bis(2-chloroethoxy)methane	NS	NS	0.06 U	0.065 U	0.058 U	0.068 U	0.06 U	0.059 U
Bis(2-chloroethyl)ether	NS	NS	0.055 U	0.06 U	0.054 U	0.063 U	0.055 U	0.055 U
Bis(2-chloroisopropyl)ether	NS	NS	0.069 U	0.076 U	0.067 U	0.079 U	0.069 U	0.069 U
Bis(2-Ethylhexyl)phthalate	NS	NS	0.33	0.056 U	0.05 U	0.058 U	0.64	0.051 U
Butyl benzyl phthalate	NS	NS	0.038 U	0.042 U	0.037 U	0.044 U	0.038 U	0.038 U
Carbazole	NS	NS	0.099 J	0.046 U	0.15 J	0.048 U	2.5	5.1
Chrysene	1	3.9	0.53	0.12 J	1.1	0.24	7.1	19
Dibenzo(a,h)anthracene	0.33	0.33	0.071 J	0.042 U	0.18	0.043 U	1	2.3
Dibenzofuran	7	59	0.08 J	0.072 U	0.092 J	0.074 U	2.1	4.6
Diethyl phthalate	NS	NS	0.042 U	0.045 U	0.04 U	0.047 U	0.042 U	0.041 U
Dimethyl phthalate	NS	NS	0.05 U	0.054 U	0.048 U	0.057 U	0.05 U	0.05 U
Di-n-butylphthalate	NS	NS	0.038 U	0.041 U	0.037 U	0.043 U	0.038 U	0.038 U
Di-n-octylphthalate	NS	NS	0.048 U	0.053 U	0.047 U	0.055 U	0.048 U	0.048 U
Fluoranthene	100	100	1	0.28	2.2	0.48	24	50
Fluorene	30	100	0.13 J	0.062 U	0.14 J	0.064 U	2.5	5.4
Hexachlorobenzene	0.33	1.2	0.037 U	0.04 U	0.036 U	0.042 U	0.037 U	0.036 U
Hexachlorobutadiene	NS	NS	0.056 U	0.06 U	0.054 U	0.063 U	0.056 U	0.055 U
Hexachlorocyclopentadiene	NS	NS	0.13 U	0.14 U	0.12 U	0.14 U	0.13 U	0.12 U
Hexachloroethane	NS	NS	0.036 U	0.039 U	0.035 U	0.041 U	0.036 U	0.036 U
Indeno(1,2,3-cd)Pyrene	0.5	0.5	0.27	0.07 J	0.72	0.16 J	4.2	9.6
Isophorone	NS	NS	0.052 U	0.057 U	0.051 U	0.059 U	0.052 U	0.052 U
Naphthalene	12	100	0.065 U	0.093 J	0.11 J	0.11 J	2.5	5.4
Nitrobenzene	NS	NS	0.047 U	0.051 U	0.045 U	0.053 U	0.047 U	0.046 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	NS	0.041 U	0.045 U	0.04 U	0.047 U	0.041 U	0.041 U
n-Nitrosodi-n-propylamine	NS	NS	0.059 U	0.064 U	0.057 U	0.066 U	0.059 U	0.058 U
p-Chloro-M-Cresol	NS	NS	0.057 U	0.062 U	0.055 U	0.065 U	0.057 U	0.057 U
Pentachlorophenol	0.8	6.7	0.042 U	0.046 U	0.041 U	0.048 U	0.042 U	0.042 U
Phenanthrene	100	100	0.95	0.26	1.6	0.36	26	55
Phenol	0.33	100	0.058 U	0.064 U	0.056 U	0.066 U	0.058 U	0.093 J
Pyrene	100	100	0.89	0.25	1.9	0.42	20	42
Total Concentration	NS	NS	6.8	2.7	13.5	2.85	133.2	291

Table 3
470 Manhattan Avenue
Brooklyn, NY
Soil Analytical Results
Metals

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Restricted Residential SCO	SB-1 (0-2) L1524249-01 9/28/2015 1/2*	SB-1 (4-6) L1524249-03 9/28/2015 2/10*	SB-2 (0-2) L1524249-17 9/28/2015 1/2*	SB-2 (4-6) L1524249-19 9/28/2015 1/2*	SB-3 (0-2) L1524249-21 9/28/2015 2/10*	SB-3 (4-6) L1524249-23 9/28/2015 1/2*	SB-4 (0-2) L1525736-01 10/9/2015 1/2*
Lab Sample ID									
Date Sampled									
Dilution									
mg/kg	mg/kg	mg/kg							
Aluminum, Total	NS	NS	4,700	4,600	6,200	7,400	4,800	6,500	6,600
Antimony, Total	NS	NS	2.8 J	3.4 J	1.4 J	0.76 U	2.1 J	20	3.5 J
Arsenic, Total	13	16	33	32	12	30	14	9.5	6
Barium, Total	350	400	230	130	120	130	230	140	110
Beryllium, Total	7.2	72	0.29 J	0.28 J	0.3 J	0.38 J	0.23 J	0.31 J	0.31 J
Cadmium, Total	2.5	4.3	0.06 U	5.1	0.06 U	0.07 U	0.39 J	0.06 U	0.07 U
Calcium, Total	NS	NS	5,900	5,000	5,600	2,900	3,900	20,000	7,300
Chromium, Total	NS	NS	15	23	17	14	19	17	16
Cobalt, Total	NS	NS	8.5	6.8	5.9	5.5	4.3	5.5	5.8
Copper, Total	50	270	220	280	120	36	8,500	150	50
Iron, Total	NS	NS	35,000	23,000	17,000	13,000	19,000	18,000	20,000
Lead, Total	63	400	700	410	300	190	570	250	230
Magnesium, Total	NS	NS	1,200	1,300	2,200	1,400	1,400	2,600	2,200
Manganese, Total	1,600	2,000	280	210	260	150	220	280	180
Mercury, Total	0.18	0.81	2.5	4.4	1.3	0.37	7.6	0.58	1.4
Nickel, Total	30	310	20	16	16	11	11	15	13
Potassium, Total	NS	NS	780	880	1,000	620	730	960	650
Selenium, Total	3.9	180	0.32 J	0.28 U	0.26 U	0.48 J	2	0.25 U	5.2
Silver, Total	2	180	0.36 J	0.68 J	0.17 U	0.19 U	3.7	0.16 U	0.19 U
Sodium, Total	NS	NS	410	270	360	430	320	490	320
Thallium, Total	NS	NS	0.36 U	0.38 U	0.34 U	0.38 U	0.38 U	0.33 U	0.38 U
Vanadium, Total	NS	NS	18	22	23	22	19	17	24
Zinc, Total	109	10,000	310	1,600	180	120	1,100	200	180

*Dilution factor varies

Table 3
470 Manhattan Avenue
Brooklyn, NY
Soil Analytical Results
Metals

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Restricted Residential SCO	SB-4 (4-6) L1525736-03 10/9/2015 1/2*	SB-5 (0-2) L1524249-29 9/29/2015 1/2*	SB-5 (4-6) L1524249-31 9/29/2015 1/2*	SB-6 (0-2) L1524249-05 9/28/2015 1/2*	SB-6 (4-6) L1524249-07 9/28/2015 1/2*	SB-7 (0-2) L1524249-09 9/28/2015 1/2*	SB-7 (8-10) L1524249-11 9/28/2015 1/2*
Lab Sample ID									
Date Sampled									
Dilution									
mg/kg	mg/kg	mg/kg							
Aluminum, Total	NS	NS	7,800	4,100	14,000	7,800	4,100	4,100	5,000
Antimony, Total	NS	NS	1 J	4.7 J	0.74 U	1.9 J	1.1 J	3 J	0.91 U
Arsenic, Total	13	16	7	11	12	18	10	39	10
Barium, Total	350	400	72	160	29	140	140	280	220
Beryllium, Total	7.2	72	0.42 J	0.2 J	0.36 J	0.39 J	0.21 J	0.2 J	0.37 J
Cadmium, Total	2.5	4.3	0.07 U	0.08 J	0.07 U	0.5 J	0.06 U	0.34 J	0.08 U
Calcium, Total	NS	NS	6,600	4,800	920	13,000	6,600	2,900	3,300
Chromium, Total	NS	NS	13	14	18	23	14	17	21
Cobalt, Total	NS	NS	6.4	4.5	8.6	7.8	4.3	5.2	6.7
Copper, Total	50	270	21	66	13	340	330	110	46
Iron, Total	NS	NS	16,000	15,000	21,000	25,000	15,000	35,000	12,000
Lead, Total	63	400	46	570	0.18 U	350	480	550	510
Magnesium, Total	NS	NS	1,300	1,400	2,400	2,200	1,600	890	840
Manganese, Total	1,600	2,000	340	210	290	400	120	100	200
Mercury, Total	0.18	0.81	0.16	2	0.04 J	2	1.3	0.19	3.6
Nickel, Total	30	310	13	11	12	16	9.3	13	13
Potassium, Total	NS	NS	630	750	860	1,200	750	600	850
Selenium, Total	3.9	180	0.28 U	0.32 U	0.28 U	0.32 U	0.55 J	0.3 U	0.34 U
Silver, Total	2	180	0.18 U	0.21 U	0.18 U	0.29 J	0.18 U	0.2 U	0.25 J
Sodium, Total	NS	NS	350	340	120 J	390	200	420	300
Thallium, Total	NS	NS	0.37 U	0.42 U	0.37 U	0.43 U	0.37 U	0.4 U	0.45 U
Vanadium, Total	NS	NS	26	17	26	32	20	18	22
Zinc, Total	109	10,000	92	270	32	810	180	1,600	140

*Dilution factor varies

Table 3
470 Manhattan Avenue
Brooklyn, NY
Soil Analytical Results
Metals

Client ID	NYSDEC	NYSDEC	SB-8 (0-2)	SB-8 (4-6)	SB-9 (0-2)	SB-9 (4-6)	SB-10 (0-2)	SB-10 (4-6)
Lab Sample ID	Part 375	Part 375	L1524249-13	L1524249-15	L1525736-05	L1525736-07	L1525736-09	L1525736-11
Date Sampled	Unrestricted	Restricted	9/28/2015	9/28/2015	10/9/2015	10/9/2015	10/9/2015	10/9/2015
Dilution	SCO	Residential	1/2*	1/2*	1/2*	1/2*	1/2*	1/2*
mg/kg	mg/kg	SCO	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Aluminum, Total	NS	NS	9,700	5,600	9,600	6,400	5,800	7,300
Antimony, Total	NS	NS	0.74 U	0.8 U	1.3 J	4.8 J	2.2 J	1.7 J
Arsenic, Total	13	16	9.3	9.7	2.3	21	15	28
Barium, Total	350	400	52	120	71	340	220	140
Beryllium, Total	7.2	72	0.38 J	0.52	0.42 J	0.54	0.27 J	0.48
Cadmium, Total	2.5	4.3	0.07 U	0.07 U	0.06 U	0.62 J	0.65 J	1.1
Calcium, Total	NS	NS	2,800	2,400	1,800	12,000	2,000	12,000
Chromium, Total	NS	NS	22	9	18	23	18	16
Cobalt, Total	NS	NS	6.6	7.1	7.4	6.8	4.8	9.8
Copper, Total	50	270	350	28	47	110	220	140
Iron, Total	NS	NS	23,000	6,900	23,000	14,000	22,000	17,000
Lead, Total	63	400	80	270	130	14,000	560	930
Magnesium, Total	NS	NS	2,100	450	2,000	840	1,200	1,200
Manganese, Total	1,600	2,000	280	58	540	160	110	170
Mercury, Total	0.18	0.81	0.12	0.28	0.92	2.7	1.5	1.2
Nickel, Total	30	310	14	16	12	14	19	30
Potassium, Total	NS	NS	970	540	760	780	690	640
Selenium, Total	3.9	180	0.28 U	0.78 J	0.27 J	2.5	0.87 J	0.56 J
Silver, Total	2	180	0.19 U	0.2 U	0.18 U	0.42 J	0.19 U	0.18 U
Sodium, Total	NS	NS	150 J	440	440	460	130 J	180
Thallium, Total	NS	NS	0.37 U	0.4 U	0.36 U	0.41 U	0.38 U	0.36 U
Vanadium, Total	NS	NS	32	30	26	28	16	22
Zinc, Total	109	10,000	210	96	140	520	420	1,200

*Dilution factor varies

Table 4
470 Manhattan Avenue
Brooklyn, NY

Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Restricted Residential SCO	SB-1 (0-2) L1524249-01 9/28/2015 1	SB-1 (4-6) L1524249-03 9/28/2015 1	SB-2 (0-2) L1524249-17 9/28/2015 1	SB-2 (4-6) L1524249-19 9/28/2015 1	SB-3 (0-2) L1524249-21 9/28/2015 1	SB-3 (4-6) L1524249-23 9/28/2015 1	SB-4 (0-2) L1525736-01 10/9/2015 1
Lab Sample ID									
Date Sampled									
Dilution									
PCBs - mg/kg	mg/kg	mg/kg							
Aroclor 1016	NS	NS	0.00312 U	0.00317 U	0.003 U	0.00322 U	0.0031 U	0.00281 U	0.00315 U
Aroclor 1221	NS	NS	0.00364 U	0.0037 U	0.00351 U	0.00376 U	0.00361 U	0.00328 U	0.00368 U
Aroclor 1232	NS	NS	0.00463 U	0.00471 U	0.00446 U	0.00478 U	0.00459 U	0.00418 U	0.00467 U
Aroclor 1242	NS	NS	0.00484 U	0.00492 U	0.00465 U	0.00499 U	0.0048 U	0.00436 U	0.00488 U
Aroclor 1248	NS	NS	0.00334 U	0.00339 U	0.00321 U	0.00344 U	0.00331 U	0.00301 U	0.00337 U
Aroclor 1254	NS	NS	0.00325 U	0.0033 U	0.00312 U	0.00335 U	0.00322 U	0.00293 U	0.00328 U
Aroclor 1260	NS	NS	0.00301 U	0.00306 U	0.0029 U	0.00311 U	0.00299 U	0.00271 U	0.00304 U
Aroclor 1262	NS	NS	0.00196 U	0.00199 U	0.00189 U	0.00202 U	0.00194 U	0.00177 U	0.00198 U
Aroclor 1268	NS	NS	0.00573 U	0.00582 U	0.00551 U	0.00591 U	0.00568 U	0.00516 U	0.00578 U
PCBs, Total	0.1	1	0.00196 U	0.00199 U	0.00189 U	0.00202 U	0.00194 U	0.00177 U	0.00198 U

Pesticides - mg/kg	mg/kg	mg/kg	1	1	1	1	1	1	1
4,4'-DDD	0.0033	13	0.000665 U	0.00069 U	0.000641 U	0.00072 U	0.000686 U	0.00062 U	0.000691 U
4,4'-DDE	0.0033	8.9	0.000431 U	0.000447 U	0.000416 U	0.000467 U	0.000445 U	0.000402 U	0.000448 U
4,4'-DDT	0.0033	7.9	0.0015 U	0.00155 U	0.00144 U	0.00162 U	0.00155 U	0.0014 U	0.00156 U
Aldrin	0.005	0.097	0.000657 U	0.000681 U	0.000633 U	0.000711 U	0.000678 U	0.000612 U	0.000682 U
Alpha-BHC	0.02	0.48	0.000221 U	0.000229 U	0.000213 U	0.000239 U	0.000228 U	0.000206 U	0.000229 U
Beta-BHC	0.036	0.36	0.000707 U	0.000733 U	0.000681 U	0.000766 U	0.00073 U	0.000659 U	0.000735 U
Chlordane	NS	NS	0.00618 U	0.0064 U	0.00595 U	0.00669 U	0.00637 U	0.00576 U	0.00642 U
cis-Chlordane	0.094	4.2	0.00065 U	0.000673 U	0.000626 U	0.000703 U	0.00067 U	0.000605 U	0.000675 U
Delta-BHC	0.04	100	0.000365 U	0.000379 U	0.000352 U	0.000395 U	0.000377 U	0.00034 U	0.000379 U
Dieldrin	0.005	0.2	0.000583 U	0.000604 U	0.000562 U	0.000631 U	0.000601 U	0.000543 U	0.000606 U
Endosulfan I	2.4 TS	24 TS	0.000441 U	0.000457 U	0.000424 U	0.000477 U	0.000455 U	0.00041 U	0.000458 U
Endosulfan II	2.4 TS	24 TS	0.000623 U	0.000646 U	0.00368	0.000675 U	0.000643 U	0.000581 U	0.000648 U
Endosulfan sulfate	2.4 TS	24 TS	0.00037 U	0.000383 U	0.000356 U	0.0004 U	0.000382 U	0.000345 U	0.000384 U
Endrin	0.014	11	0.000319 U	0.00033 U	0.000307 U	0.000345 U	0.000329 U	0.000297 U	0.000331 U
Endrin ketone	NS	NS	0.0384	0.000498 U	0.0114	0.00052 U	0.000496 U	0.000448 U	0.000499 U
Heptachlor	0.042	2.1	0.000418 U	0.000433 U	0.000403 U	0.000453 U	0.000431 U	0.00039 U	0.000434 U
Heptachlor epoxide	NS	NS	0.00105 U	0.00109 U	0.00101 U	0.00114 U	0.00108 U	0.000978 U	0.00109 U
Lindane	0.1	1.3	0.000347 U	0.00036 U	0.000335 U	0.000376 U	0.000358 U	0.000324 U	0.000361 U
Methoxychlor	NS	NS	0.00109 U	0.00113 U	0.00105 U	0.00118 U	0.00112 U	0.00101 U	0.00113 U
Toxaphene	NS	NS	0.00979 U	0.0102 U	0.00943 U	0.0106 U	0.0101 U	0.00912 U	0.0102 U
trans-Chlordane	NS	NS	0.000616 U	0.000638 U	0.000593 U	0.000666 U	0.000635 U	0.000574 U	0.000639 U

Table 4
470 Manhattan Avenue
Brooklyn, NY

Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Restricted Residential SCO	SB-4 (4-6) L1525736-03 10/9/2015 1	SB-5 (0-2) L1524249-29 9/29/2015 1	SB-5 (4-6) L1524249-31 9/29/2015 1	SB-6 (0-2) L1524249-05 9/28/2015 1	SB-6 (4-6) L1524249-07 9/28/2015 1	SB-7 (0-2) L1524249-09 9/28/2015 1	SB-7 (8-10) L1524249-11 9/28/2015 1
Lab Sample ID									
Date Sampled									
Dilution									
PCBs - mg/kg	mg/kg	mg/kg							
Aroclor 1016	NS	NS	0.00314 U	0.00368 U	0.00315 U	0.00372 U	0.00319 U	0.00333 U	0.00372 U
Aroclor 1221	NS	NS	0.00367 U	0.00429 U	0.00367 U	0.00434 U	0.00372 U	0.00388 U	0.00434 U
Aroclor 1232	NS	NS	0.00466 U	0.00546 U	0.00467 U	0.00552 U	0.00473 U	0.00493 U	0.00552 U
Aroclor 1242	NS	NS	0.00487 U	0.0057 U	0.00487 U	0.00577 U	0.00494 U	0.00515 U	0.00576 U
Aroclor 1248	NS	NS	0.00336 U	0.00393 U	0.00336 U	0.00398 U	0.00341 U	0.00355 U	0.00398 U
Aroclor 1254	NS	NS	0.00327 U	0.00383 U	0.00327 U	0.012 J	0.00332 U	0.00346 U	0.00387 U
Aroclor 1260	NS	NS	0.00303 U	0.00355 U	0.00303 U	0.00359 U	0.00308 U	0.00321 U	0.00359 U
Aroclor 1262	NS	NS	0.00197 U	0.00231 U	0.00198 U	0.00234 U	0.002 U	0.00209 U	0.00234 U
Aroclor 1268	NS	NS	0.00577 U	0.00675 U	0.00577 U	0.00683 U	0.00586 U	0.0061 U	0.00683 U
PCBs, Total	0.1	1	0.00197 U	0.00231 U	0.00198 U	0.012 J	0.002 U	0.00209 U	0.00234 U

Pesticides - mg/kg	mg/kg	mg/kg	1	1	1	1	1	1	1
4,4'-DDD	0.0033	13	0.000682 U	0.000782 U	0.000661 U	0.00434	0.00069 U	0.000719 U	0.000791 U
4,4'-DDE	0.0033	8.9	0.000442 U	0.000507 U	0.000428 U	0.00165 J	0.000447 U	0.000466 U	0.000513 U
4,4'-DDT	0.0033	7.9	0.00154 U	0.00176 U	0.00149 U	0.0018 U	0.00156 U	0.00212 J	0.00178 U
Aldrin	0.005	0.097	0.000674 U	0.000772 U	0.000652 U	0.000789 U	0.000681 U	0.00071 U	0.000781 U
Alpha-BHC	0.02	0.48	0.000226 U	0.00026 U	0.000219 U	0.000265 U	0.000229 U	0.000238 U	0.000262 U
Beta-BHC	0.036	0.36	0.00227	0.000832 U	0.000702 U	0.00085 U	0.000734 U	0.000764 U	0.000841 U
Chlordane	NS	NS	0.00634 U	0.00727 U	0.00614 U	0.0376	0.00641 U	0.00668 U	0.00735 U
cis-Chlordane	0.094	4.2	0.000666 U	0.000764 U	0.000645 U	0.00223 J	0.000674 U	0.000702 U	0.000773 U
Delta-BHC	0.04	100	0.000375 U	0.00043 U	0.000363 U	0.000439 U	0.000379 U	0.000395 U	0.000434 U
Dieldrin	0.005	0.2	0.000598 U	0.000686 U	0.000579 U	0.0007 U	0.000604 U	0.00063 U	0.000693 U
Endosulfan I	2.4 TS	24 TS	0.000452 U	0.000518 U	0.000438 U	0.00053 U	0.000457 U	0.000476 U	0.0017 J
Endosulfan II	2.4 TS	24 TS	0.000639 U	0.000733 U	0.000619 U	0.000749 U	0.000646 U	0.000674 U	0.000742 U
Endosulfan sulfate	2.4 TS	24 TS	0.000379 U	0.000435 U	0.000367 U	0.000444 U	0.000384 U	0.0004 U	0.00044 U
Endrin	0.014	11	0.000327 U	0.000375 U	0.000316 U	0.000383 U	0.00033 U	0.000344 U	0.000379 U
Endrin ketone	NS	NS	0.000493 U	0.000565 U	0.000477 U	0.000577 U	0.000498 U	0.000519 U	0.000571 U
Heptachlor	0.042	2.1	0.000429 U	0.000492 U	0.000415 U	0.000502 U	0.000434 U	0.000452 U	0.000497 U
Heptachlor epoxide	NS	NS	0.00108 U	0.00123 U	0.00104 U	0.00126 U	0.00109 U	0.00113 U	0.00125 U
Lindane	0.1	1.3	0.000356 U	0.000409 U	0.000345 U	0.000417 U	0.00036 U	0.000375 U	0.000413 U
Methoxychlor	NS	NS	0.00112 U	0.00128 U	0.00108 U	0.00131 U	0.00113 U	0.00118 U	0.025
Toxaphene	NS	NS	0.01 U	0.0115 U	0.00973 U	0.0118 U	0.0102 U	0.0106 U	0.0116 U
trans-Chlordane	NS	NS	0.000631 U	0.000724 U	0.000611 U	0.00143 J	0.000638 U	0.000665 U	0.000732 U

Table 4
470 Manhattan Avenue
Brooklyn, NY

Soil Analytical Results

Polychlorinated Biphenyls and Pesticides

Client ID	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Restricted Residential SCO	SB-8 (0-2) L1524249-13 9/28/2015 1	SB-8 (4-6) L1524249-15 9/28/2015 1	SB-9 (0-2) L1525736-05 10/9/2015 1	SB-9 (4-6) L1525736-07 10/9/2015 1	SB-10 (0-2) L1525736-09 10/9/2015 1	SB-10 (4-6) L1525736-11 10/9/2015 1
Lab Sample ID								
Date Sampled								
Dilution								
PCBs - mg/kg	mg/kg	mg/kg						
Aroclor 1016	NS	NS	0.0031 U	0.00323 U	0.00298 U	0.00344 U	0.00307 U	0.00299 U
Aroclor 1221	NS	NS	0.00362 U	0.00377 U	0.00348 U	0.00401 U	0.00358 U	0.00348 U
Aroclor 1232	NS	NS	0.00461 U	0.00479 U	0.00442 U	0.0051 U	0.00456 U	0.00443 U
Aroclor 1242	NS	NS	0.00481 U	0.00501 U	0.00461 U	0.00532 U	0.00476 U	0.00463 U
Aroclor 1248	NS	NS	0.00332 U	0.00345 U	0.00318 U	0.00367 U	0.00328 U	0.00319 U
Aroclor 1254	NS	NS	0.00323 U	0.00336 U	0.0031 U	0.00358 U	0.00319 U	0.00311 U
Aroclor 1260	NS	NS	0.00299 U	0.00312 U	0.00287 U	0.00331 U	0.00296 U	0.00288 U
Aroclor 1262	NS	NS	0.00195 U	0.00203 U	0.00187 U	0.00216 U	0.00193 U	0.00187 U
Aroclor 1268	NS	NS	0.0057 U	0.00593 U	0.00546 U	0.00631 U	0.00564 U	0.00548 U
PCBs, Total	0.1	1	0.00195 U	0.00203 U	0.00187 U	0.00216 U	0.00193 U	0.00187 U

Pesticides - mg/kg	mg/kg	mg/kg	1	10	1	1	1	1
4,4'-DDD	0.0033	13	0.000664 U	0.00708 U	0.000643 U	0.000754 U	0.000661 U	0.000656 U
4,4'-DDE	0.0033	8.9	0.00043 U	0.00459 U	0.000417 U	0.000489 U	0.000428 U	0.000425 U
4,4'-DDT	0.0033	7.9	0.0015 U	0.016 U	0.00145 U	0.0017 U	0.00149 U	0.00148 U
Aldrin	0.005	0.097	0.000655 U	0.00699 U	0.000635 U	0.000745 U	0.000652 U	0.000647 U
Alpha-BHC	0.02	0.48	0.00022 U	0.00235 U	0.000213 U	0.00025 U	0.000219 U	0.000217 U
Beta-BHC	0.036	0.36	0.000706 U	0.00753 U	0.000684 U	0.000802 U	0.000702 U	0.000697 U
Chlordane	NS	NS	0.00616 U	0.0658 U	0.00597 U	0.00701 U	0.0301	0.052
cis-Chlordane	0.094	4.2	0.000648 U	0.00692 U	0.000628 U	0.000737 U	0.000645 U	0.00064 U
Delta-BHC	0.04	100	0.000364 U	0.00389 U	0.000353 U	0.000414 U	0.000363 U	0.00036 U
Dieldrin	0.005	0.2	0.000581 U	0.00621 U	0.000564 U	0.000661 U	0.000579 U	0.000574 U
Endosulfan I	2.4 TS	24 TS	0.00044 U	0.00469 U	0.000426 U	0.0005 U	0.000438 U	0.000434 U
Endosulfan II	2.4 TS	24 TS	0.000622 U	0.00664 U	0.00145 J	0.000707 U	0.00234	0.00273
Endosulfan sulfate	2.4 TS	24 TS	0.000369 U	0.00394 U	0.000358 U	0.00042 U	0.000367 U	0.000364 U
Endrin	0.014	11	0.000318 U	0.00339 U	0.000308 U	0.000361 U	0.000316 U	0.000314 U
Endrin ketone	NS	NS	0.000479 U	0.00511 U	0.000464 U	0.000545 U	0.000477 U	0.000473 U
Heptachlor	0.042	2.1	0.000417 U	0.00445 U	0.000404 U	0.000474 U	0.000415 U	0.000412 U
Heptachlor epoxide	NS	NS	0.00105 U	0.0112 U	0.00101 U	0.00119 U	0.00224 J	0.00103 U
Lindane	0.1	1.3	0.000346 U	0.0037 U	0.000336 U	0.000394 U	0.000345 U	0.000342 U
Methoxychlor	NS	NS	0.00108 U	0.0116 U	0.00105 U	0.0062	0.00108 U	0.00107 U
Toxaphene	NS	NS	0.00977 U	0.104 U	0.00947 U	0.0111 U	0.00972 U	0.00965 U
trans-Chlordane	NS	NS	0.000614 U	0.00656 U	0.000595 U	0.000698 U	0.00087 J	0.00227 J

Table 5
470 Manhattan Avenue
Brooklyn, NY
Groundwater Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	GW-1	GW-2	GW-3	GW-4	GW-5	TB20150929	TB20151009
Lab Sample ID	Class GA	L1524249-28	L1524249-25	L1524249-26	L1525736-13	L1524249-27	L1524249-33	L1525736-14
Date Sampled	Ambient Standard	9/29/2015	9/29/2015	9/29/2015	10/9/2015	9/29/2015	9/29/2015	10/9/2015
µg/L	µg/L							
1,1,1,2-Tetrachloroethane	5	0.7 U						
1,1,1-Trichloroethane	5	0.7 U						
1,1,2,2-Tetrachloroethane	5	0.14 U						
1,1,2-Trichloroethane	1	0.5 U						
1,1-Dichloroethane	5	0.7 U	0.7 U	0.7 U	14	0.7 U	0.7 U	0.7 U
1,1-Dichloroethene	5	0.14 U	0.14 U	0.14 U	0.32 J	0.14 U	0.14 U	0.14 U
1,1-Dichloropropene	5	0.7 U						
1,2,3-Trichlorobenzene	5	0.7 U						
1,2,3-Trichloropropane	0.04	0.7 U						
1,2,4,5-Tetramethylbenzene	5	0.65 U						
1,2,4-Trichlorobenzene	5	0.7 U						
1,2,4-Trimethylbenzene	5	0.7 U						
1,2-Dibromo-3-chloropropane	0.04	0.7 U						
1,2-Dibromoethane	0.0006	0.65 U						
1,2-Dichlorobenzene	3	0.7 U						
1,2-Dichloroethane	0.6	0.13 U						
1,2-Dichloroethene, Total	NS	0.7 U						
1,2-Dichloropropane	1	0.13 U						
1,3,5-Trimethylbenzene	5	0.7 U						
1,3-Dichlorobenzene	3	0.7 U						
1,3-Dichloropropane	5	0.7 U						
1,3-Dichloropropene, Total	0.4	0.14 U						
1,4-Dichlorobenzene	3	0.7 U						
1,4-Dioxane	NS	41 U						
2,2-Dichloropropane	5	0.7 U						
2-Butanone	50	1.9 U						
2-Hexanone	50	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	50	2.2 J	1.5 J	2.3 J	1.5 U	1.5 U	1.5 U	1.5 U
Acrylonitrile	5	1.5 U						
Benzene	1	0.16 U						
Bromobenzene	5	0.7 U						
Bromochloromethane	5	0.7 U						
Bromodichloromethane	50	0.19 U						
Bromoform	50	0.65 U						
Bromomethane	5	0.7 U						
Carbon disulfide	60	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5	0.13 U						
Chlorobenzene	5	0.7 U						
Chloroethane	5	0.7 U						
Chloroform	7	0.7 U						
Chloromethane	5	0.7 U						
cis-1,2-Dichloroethene	5	0.7 U						
cis-1,3-Dichloropropene	0.4 TS	0.14 U						
Dibromochloromethane	50	0.15 U						
Dibromomethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethyl ether	NS	0.7 U						
Ethylbenzene	5	0.7 U						
Hexachlorobutadiene	0.5	0.7 U						
Isopropylbenzene	5	0.7 U						
Methyl tert butyl ether	10	20	3.1	4.9	1.4 J	48	0.7 U	0.7 U
Methylene chloride	5	0.7 U						
Naphthalene	NS	0.7 U						
n-Butylbenzene	5	0.7 U						
n-Propylbenzene	5	0.7 U						
o-Chlorotoluene	5	0.7 U						
o-Xylene	5	0.7 U						
p/m-Xylene	5	0.7 U						
p-Chlorotoluene	5	0.7 U						
p-Diethylbenzene	NS	0.7 U						
p-Ethyltoluene	NS	0.7 U						
p-Isopropyltoluene	5	0.7 U						
sec-Butylbenzene	5	0.7 U						
Styrene	5	0.7 U						
tert-Butylbenzene	5	0.7 U						
Tetrachloroethene	5	0.18 U	0.18 U	0.18 U	0.19 J	0.18 U	0.18 U	0.18 U
Toluene	5	0.7 U						
trans-1,2-Dichloroethene	5	0.7 U						
trans-1,3-Dichloropropene	0.4 TS	0.16 U						
trans-1,4-Dichloro-2-butene	5	0.7 U						
Trichloroethene	5	0.18 U						
Trichlorofluoromethane	5	0.7 U						
Vinyl acetate	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	0.07 U						
Xylenes, Total	NS	0.7 U						

Table 6
470 Manhattan Avenue
Brooklyn, NY

Groundwater Analytical Results
Semi Volatile Organic Compounds

Client ID	NYSDEC	GW-1	GW-2	GW-3	GW-4	GW-5
Lab Sample ID	Class GA	L1524249-28	L1524249-25	L1524249-26	L1525736-13	L1524249-27
Date Sampled	Ambient Standard	9/29/2015	9/29/2015	9/29/2015	10/9/2015	9/29/2015
µg/L	µg/L					
1,2,4,5-Tetrachlorobenzene	5	0.36 U				
1,2,4-Trichlorobenzene	5	0.21 U				
1,2-Dichlorobenzene	3	0.3 U				
1,3-Dichlorobenzene	3	0.35 U				
1,4-Dichlorobenzene	3	0.32 U				
2,4,5-Trichlorophenol	NS	0.75 U				
2,4,6-Trichlorophenol	NS	0.78 U				
2,4-Dichlorophenol	5	0.56 U				
2,4-Dimethylphenol	50	3 J	0.58 U	0.58 U	0.58 U	0.58 U
2,4-Dinitrophenol	10	1.4 U				
2,4-Dinitrotoluene	5	1 U	1 U	1 U	1 U	1 U
2,6-Dinitrotoluene	5	0.89 U				
2-Chloronaphthalene	NS	0.04 U				
2-Chlorophenol	NS	0.58 U				
2-Methylnaphthalene	NS	0.12 J	0.16 J	0.1 J	0.05 U	0.1 J
2-Methylphenol	NS	0.7 U				
2-Nitroaniline	5	0.96 U				
2-Nitrophenol	NS	1 U	1 U	1 U	1 U	1 U
3,3'-Dichlorobenzidine	5	0.48 U				
3-Methylphenol/4-Methylphenol	NS	0.72 U				
3-Nitroaniline	5	0.67 U				
4,6-Dinitro-o-cresol	NS	1.4 U				
4-Bromophenyl phenyl ether	NS	0.43 U				
4-Chloroaniline	5	0.84 U				
4-Chlorophenyl phenyl ether	NS	0.36 U				
4-Nitroaniline	5	0.83 U				
4-Nitrophenol	NS	1.1 U				
Acenaphthene	NS	0.04 U				
Acenaphthylene	NS	0.04 U				
Acetophenone	NS	0.43 U				
Anthracene	50	0.04 U				
Benzo(a)anthracene	0.002	0.02 U	0.05 J	0.02 U	0.02 U	0.02 U
Benzo(a)pyrene	ND	0.04 U				
Benzo(b)fluoranthene	0.002	0.02 U	0.18 J	0.02 U	0.02 U	0.02 U
Benzo(ghi)perylene	NS	0.04 U				
Benzo(k)fluoranthene	0.002	0.04 U				
Benzoic Acid	NS	1 U	1 U	1 U	1 U	1 U
Benzyl Alcohol	NS	0.68 U				
Biphenyl	5	0.24 U				
Bis(2-chloroethoxy)methane	5	0.6 U				
Bis(2-chloroethyl)ether	1	0.41 U				
Bis(2-chloroisopropyl)ether	NS	0.6 U				
Bis(2-Ethylhexyl)phthalate	5	0.93 U	0.95 J	0.93 U	0.93 U	1.2 J
Butyl benzyl phthalate	50	1.1 U				
Carbazole	NS	0.37 U				
Chrysene	0.002	0.04 U	0.05 J	0.04 U	0.04 U	0.04 U
Dibenzo(a,h)anthracene	NS	0.04 U				
Dibenzofuran	NS	0.22 U				
Diethyl phthalate	50	0.39 U				
Dimethyl phthalate	50	0.33 U				
Di-n-butylphthalate	50	0.77 U				
Di-n-octylphthalate	50	1.2 U				
Fluoranthene	50	0.04 U	0.1 J	0.11 J	0.04 U	0.19 J
Fluorene	50	0.04 U				
Hexachlorobenzene	0.04	0.03 U				
Hexachlorobutadiene	0.5	0.04 U				
Hexachlorocyclopentadiene	5	0.58 U				
Hexachloroethane	5	0.03 U				
Indeno(1,2,3-cd)Pyrene	0.002	0.04 U				
Isophorone	50	0.79 U				
Naphthalene	NS	0.04 U				
Nitrobenzene	0.4	0.4 U				
NitrosoDiPhenylAmine(NDPA)/DPA	NS	0.34 U				
n-Nitrosodi-n-propylamine	50	0.64 U				
P-Chloro-M-Cresol	NS	0.54 U				
Pentachlorophenol	NS	0.22 U				
Phenanthrene	50	0.02 U	0.05 J	0.08 J	0.02 U	0.31
Phenol	NS	0.27 U				
Pyrene	50	0.04 U	0.09 J	0.09 J	0.04 U	0.17 J

Table 7
470 Manhattan Avenue
Brooklyn, NY
Groundwater Analytical Results
Metals

Client ID	NYSDEC	GW-1	GW-2	GW-3	GW-4	GW-5
Lab Sample ID	Class GA	L1524249-28	L1524249-25	L1524249-26	L1525736-13	L1524249-27
Date Sampled	Ambient	9/29/2015	9/29/2015	9/29/2015	10/9/2015	9/29/2015
Dilution	Standard	1/20*	1/20*	1/20*	1/20*	1/20*
Total Metals - µg/L	µg/L					
Aluminum, Total	NS	1,140	742	81.3	1,480	1,470
Antimony, Total	3	0.8 J	0.47 J	0.29 J	0.36 J	0.27 J
Arsenic, Total	25	7.85	0.75	0.17 J	1.07	0.72
Barium, Total	1,000	393.9	77.05	55.87	227.2	127.1
Beryllium, Total	3	0.15 U				
Cadmium, Total	5	1.04	0.11 J	0.05 U	0.05 U	0.12 J
Calcium, Total	NS	294,000	70,500	88,100	266,000	90,500
Chromium, Total	50	9.61	6.06	3.73	6.37	6.48
Cobalt, Total	NS	29.65	3.12	1.42	9.74	5.98
Copper, Total	200	12.64	3.11	0.61 J	4.68	3.35
Iron, Total	NS	14,000	1,580	123	5,800	2,670
Lead, Total	25	954.2	12.25	0.38 J	9.18	2.32
Magnesium, Total	35,000	41,200	7,920	8,810	27,800	16,700
Manganese, Total	NS	3,790	1,617	363.8	7,602	1,530
Mercury, Total	0.7	0.33	0.06 U	0.06 U	3.37 J	0.06 U
Nickel, Total	100	104.1	6.37	3.05	7.4	7.37
Potassium, Total	NS	27,300	10,500	10,300	28,000	13,000
Selenium, Total	10	1 U	1.14 J	1 U	1 U	1.1 J
Silver, Total	50	0.08 J	0.07 U	0.07 U	0.07 U	0.07 U
Sodium, Total	20,000	202,000	78,000	191,000	141,000	146,000
Thallium, Total	0.5	0.05 U	0.1 J	0.07 J	0.35 J	0.18 J
Vanadium, Total	NS	5.38	1.73 J	0.55 U	3.16 J	2.05 J
Zinc, Total	2,000	68.47	12.24	3.7 J	10.55	6.84 J

Dissolved Metals - µg/L	µg/L	1/20*	1/20*	1/20*	1/20*	1/20*
Aluminum, Dissolved	NS	17.6	21.4	8.38 J	8.37 J	76.7
Antimony, Dissolved	3	0.36 J	0.58 J	0.15 J	0.68 J	0.16 J
Arsenic, Dissolved	25	2.75	0.24 J	0.19 J	0.43 J	0.23 J
Barium, Dissolved	1,000	292.3	71.54	58.31	225.1	113.9
Beryllium, Dissolved	3	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Cadmium, Dissolved	5	0.18 J	0.06 J	0.05 U	0.05 U	0.11 J
Calcium, Dissolved	NS	308,000	71,300	91,800	264,000	83,000
Chromium, Dissolved	50	1.46 J	1.67 J	1.63 J	0.4 J	1.4 J
Cobalt, Dissolved	NS	25.84	2.22	1.29	8.6	4.21
Copper, Dissolved	200	1.84	0.49 J	0.59 J	1.06	0.83 J
Iron, Dissolved	NS	595	142	13.9 J	2,580	173
Lead, Dissolved	25	2.9	0.16 J	0.12 U	0.12 J	0.17 J
Magnesium, Dissolved	35,000	38,700	6,720	7,850	28,700	13,900
Manganese, Dissolved	NS	3,848	1,763	347.8	7,066	1,320
Mercury, Dissolved	0.7	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Nickel, Dissolved	100	89.16	3.5	1.93	3.63	3.41
Potassium, Dissolved	NS	25,800	11,000	10,400	28,700	11,600
Selenium, Dissolved	10	1 U	1 U	1 U	1 U	1 U
Silver, Dissolved	50	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Sodium, Dissolved	20,000	202,000	73,800	187,000	122,000	127,000
Thallium, Dissolved	0.5	0.11 J	0.11 J	0.05 J	0.33 J	0.13 J
Vanadium, Dissolved	NS	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Zinc, Dissolved	2,000	34.98	4.06 J	28.71	4.24 J	20.4

*Dilution factor varies

Table 8
470 Manhattan Avenue
Brooklyn, NY
Groundwater Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID Lab Sample ID Date Sampled	NYSDEC Class GA Ambient Standard	GW-1 L1524249-28 9/29/2015	GW-2 L1524249-25 9/29/2015	GW-3 L1524249-26 9/29/2015	GW-4 L1525736-13 10/9/2015	GW-5 L1524249-27 9/29/2015
PCBs - µg/L	µg/L					
Aroclor 1016	NS	0.055 U				
Aroclor 1221	NS	0.053 U				
Aroclor 1232	NS	0.031 U				
Aroclor 1242	NS	0.06 U				
Aroclor 1248	NS	0.051 U				
Aroclor 1254	NS	0.034 U				
Aroclor 1260	NS	0.032 U				
Aroclor 1262	NS	0.029 U				
Aroclor 1268	NS	0.038 U				
PCBs, Total	0.09	0.029 U				

Pesticides - µg/L	µg/L					
4,4'-DDD	0.3	0.005 U				
4,4'-DDE	0.2	0.004 U				
4,4'-DDT	0.2	0.004 U	0.014 J	0.004 U	0.004 U	0.004 U
Aldrin	ND	0.002 U				
Alpha-BHC	0.01	0.004 U				
Beta-BHC	0.04	0.006 U				
Chlordane	0.05	0.046 U	0.046 U	0.046 U	0.116 J	0.046 U
cis-Chlordane	NS	0.007 U				
Delta-BHC	0.04	0.005 U				
Dieldrin	0.004	0.004 U				
Endosulfan I	NS	0.003 U				
Endosulfan II	NS	0.005 U				
Endosulfan sulfate	NS	0.005 U				
Endrin	ND	0.004 U				
Endrin ketone	5	0.005 U				
Heptachlor	0.04	0.003 U				
Heptachlor epoxide	0.03	0.004 U				
Lindane	0.05	0.004 U				
Methoxychlor	35	0.007 U				
Toxaphene	0.06	0.063 U				
trans-Chlordane	NS	0.006 U				

Table 9
470 Manhattan Avenue
Brooklyn, NY

Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID	NYSDOH 2006	SV-1	SV-2	SV-3	SV-4
Lab Sample ID	Soil Vapor	L1524281-01	L1524415-03	L1524415-01	L1525755-01
Date Sampled	Intrusion	9/28/2015	9/29/2015	9/29/2015	10/9/2015
Dilution	Air Guideline	2	2	5	2
µg/m3	Value				
µg/m3	µg/m3				
1,1,1-Trichloroethane	NS	27.8	117	2,580	2.18 U
1,1,2,2-Tetrachloroethane	NS	2.75 U	2.75 U	6.87 U	2.75 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	3.07 U	3.07 U	7.66 U	3.07 U
1,1,2-Trichloroethane	NS	2.18 U	2.18 U	5.46 U	2.18 U
1,1-Dichloroethane	NS	9.71	1.62 U	915	1.62 U
1,1-Dichloroethene	NS	1.59 U	1.59 U	3.96 U	1.59 U
1,2,4-Trichlorobenzene	NS	2.97 U	2.97 U	7.42 U	2.97 U
1,2,4-Trimethylbenzene	NS	2.67	2.56	4.92 U	19.1
1,2-Dibromoethane	NS	3.07 U	3.07 U	7.69 U	3.07 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	NS	2.8 U	2.8 U	6.99 U	2.8 U
1,2-Dichlorobenzene	NS	2.4 U	2.4 U	6.01 U	2.4 U
1,2-Dichloroethane	NS	1.62 U	1.62 U	4.05 U	1.62 U
1,2-Dichloropropane	NS	1.85 U	1.85 U	4.62 U	1.85 U
1,3,5-Trimethylbenzene	NS	1.97 U	1.97 U	4.92 U	5.16
1,3-Butadiene	NS	5.6	0.885 U	4.82	1.54
1,3-Dichlorobenzene	NS	2.4 U	2.4 U	6.01 U	15
1,4-Dichlorobenzene	NS	2.4 U	2.4 U	6.01 U	2.4 U
1,4-Dioxane	NS	1.44 U	1.44 U	3.6 U	1.44 U
2,2,4-Trimethylpentane	NS	1.87 U	1.87 U	4.67 U	14.1
2-Butanone	NS	32.4	104	68.4	30.4
2-Hexanone	NS	1.64 U	6.02	4.1 U	1.64 U
3-Chloropropene	NS	1.25 U	1.25 U	3.13 U	1.25 U
4-Ethyltoluene	NS	1.97 U	1.97 U	4.92 U	5.16
4-Methyl-2-pentanone	NS	4.1 U	4.1 U	10.2 U	4.1 U
Acetone	NS	1,640	1,780	2,520	1,020
Benzene	NS	11	5.75	149	16.2
Benzyl chloride	NS	2.07 U	2.07 U	5.18 U	2.07 U
Bromodichloromethane	NS	2.68 U	2.68 U	6.7 U	2.68 U
Bromoform	NS	4.14 U	4.14 U	10.3 U	4.14 U
Bromomethane	NS	1.55 U	1.55 U	3.88 U	1.55 U
Carbon disulfide	NS	43	1.68	3.15	2.65
Carbon tetrachloride	NS	272	2.52 U	6.29 U	2.52 U
Chlorobenzene	NS	1.84 U	1.84 U	4.61 U	1.84 U
Chloroethane	NS	1.26	1.06 U	7.92	1.06 U
Chloroform	NS	342	1.95 U	4.88 U	7.23
Chloromethane	NS	5.47	0.826 U	2.07 U	0.826 U
cis-1,2-Dichloroethene	NS	1.59 U	1.59 U	3.96 U	1.59 U
cis-1,3-Dichloropropene	NS	1.82 U	1.82 U	4.54 U	1.82 U
Cyclohexane	NS	17.6	3.79	13.3	7.33
Dibromochloromethane	NS	3.41 U	3.41 U	8.52 U	3.41 U
Dichlorodifluoromethane	NS	1.98 U	1.98 U	4.94 U	1.98 U
Ethyl Acetate	NS	3.6 U	3.6 U	9.01 U	3.6 U
Ethyl Alcohol	NS	83.7	87.6	154	241
Ethylbenzene	NS	3.12	3.86	4.34 U	23.7
Heptane	NS	26.5	25.9	22.9	208
Hexachlorobutadiene	NS	4.27 U	4.27 U	10.7 U	4.27 U
iso-Propyl Alcohol	NS	7.92	7.3	12.6	258
Methyl tert butyl ether	NS	1.44 U	1.44 U	3.61 U	1.44 U
Methylene chloride	60	3.47 U	3.47 U	8.69 U	3.47 U
n-Hexane	NS	26.1	17.2	20.7	546
o-Xylene	NS	4.52	4.33	4.34 U	23.9
p/m-Xylene	NS	12.7	13.3	8.69 U	61.7
Styrene	NS	1.7 U	1.7 U	4.26 U	2.37
tert-Butyl Alcohol	NS	13.5	10.3	20.3	16.1
Tetrachloroethene	30	5.91	4.92	6.78 U	20.8
Tetrahydrofuran	NS	2.95 U	2.95 U	7.37 U	2.95 U
Toluene	NS	23.4	29.8	22.9	74.6
trans-1,2-Dichloroethene	NS	1.59 U	1.59 U	3.96 U	3.4
trans-1,3-Dichloropropene	NS	1.82 U	1.82 U	4.54 U	1.82 U
Trichloroethene	2	14.6	2.15 U	5.37 U	2.15 U
Trichlorofluoromethane	NS	2.38	2.25 U	5.62 U	2.25 U
Vinyl bromide	NS	1.75 U	1.75 U	4.37 U	1.75 U
Vinyl chloride	NS	1.02 U	1.02 U	2.56 U	1.02 U

Table 9
470 Manhattan Avenue
Brooklyn, NY

Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID	NYSDOH 2006	SV-5	SV-6	SV-7	AA-1
Lab Sample ID	Soil Vapor	L1525755-02	L1524281-02	L1525755-03	L1524415-02
Date Sampled	Intrusion	10/9/2015	9/28/2015	10/9/2015	9/29/2015
Dilution	Air Guideline	5	2	1	1
µg/m3	Value µg/m3				
1,1,1-Trichloroethane	NS	5 U	4.65	2	1.09 U
1,1,2,2-Tetrachloroethane	NS	6.87 U	2.75 U	1.37 U	1.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	7.66 U	3.07 U	1.53 U	1.53 U
1,1,2-Trichloroethane	NS	5.46 U	2.18 U	1.09 U	1.09 U
1,1-Dichloroethane	NS	4.05 U	1.62 U	0.809 U	0.809 U
1,1-Dichloroethene	NS	3.96 U	1.59 U	0.793 U	0.793 U
1,2,4-Trichlorobenzene	NS	7.42 U	2.97 U	1.48 U	1.48 U
1,2,4-Trimethylbenzene	NS	16.9	3.47	2.62	0.983 U
1,2-Dibromoethane	NS	7.69 U	3.07 U	1.54 U	1.54 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	NS	6.99 U	2.8 U	1.4 U	1.4 U
1,2-Dichlorobenzene	NS	6.01 U	2.4 U	1.2 U	1.2 U
1,2-Dichloroethane	NS	4.05 U	1.62 U	0.809 U	0.809 U
1,2-Dichloropropane	NS	4.62 U	1.85 U	0.924 U	0.924 U
1,3,5-Trimethylbenzene	NS	4.92 U	1.97 U	0.983 U	0.983 U
1,3-Butadiene	NS	44	1.55	0.442 U	0.442 U
1,3-Dichlorobenzene	NS	17.9	2.63	1.2 U	1.2 U
1,4-Dichlorobenzene	NS	6.01 U	2.4 U	1.2 U	1.2 U
1,4-Dioxane	NS	3.6 U	1.44 U	0.721 U	0.721 U
2,2,4-Trimethylpentane	NS	16	1.87 U	1.34	1.33
2-Butanone	NS	46.6	43.1	9.5	1.47 U
2-Hexanone	NS	4.1 U	1.64 U	0.82 U	0.82 U
3-Chloropropene	NS	3.13 U	1.25 U	0.626 U	0.626 U
4-Ethyltoluene	NS	4.92 U	1.97 U	0.983 U	0.983 U
4-Methyl-2-pentanone	NS	10.2 U	4.1 U	3.64	2.05 U
Acetone	NS	739	1,380	287	10.8
Benzene	NS	19.1	7.64	3.71	1.19
Benzyl chloride	NS	5.18 U	2.07 U	1.04 U	1.04 U
Bromodichloromethane	NS	6.7 U	2.68 U	1.34 U	1.34 U
Bromoform	NS	10.3 U	4.14 U	2.07 U	2.07 U
Bromomethane	NS	3.88 U	1.55 U	0.777 U	0.777 U
Carbon disulfide	NS	30.3	2.06	0.863	0.623 U
Carbon tetrachloride	NS	6.29 U	2.52 U	1.26 U	1.26 U
Chlorobenzene	NS	4.61 U	1.84 U	0.921 U	0.921 U
Chloroethane	NS	2.64 U	1.06 U	0.528 U	0.528 U
Chloroform	NS	4.88 U	1.95 U	2.43	0.977 U
Chloromethane	NS	6.2	0.826 U	0.698	1.08
cis-1,2-Dichloroethene	NS	3.96 U	1.59 U	0.793 U	0.793 U
cis-1,3-Dichloropropene	NS	4.54 U	1.82 U	0.908 U	0.908 U
Cyclohexane	NS	11.4	2.78	1.05	0.688 U
Dibromochloromethane	NS	8.52 U	3.41 U	1.7 U	1.7 U
Dichlorodifluoromethane	NS	4.94 U	2.07	1.98	4.63
Ethyl Acetate	NS	9.01 U	3.6 U	1.8 U	1.8 U
Ethyl Alcohol	NS	279	117	53.3	23.7
Ethylbenzene	NS	20.8	3.28	1.57	0.869 U
Heptane	NS	25.7	16.3	5.82	0.877
Hexachlorobutadiene	NS	10.7 U	4.27 U	2.13 U	2.13 U
iso-Propyl Alcohol	NS	514	6.22	10.1	3.29
Methyl tert butyl ether	NS	3.61 U	1.44 U	0.721 U	0.721 U
Methylene chloride	60	8.69 U	3.47 U	1.74 U	1.74 U
n-Hexane	NS	55.3	6.27	5.43	1.44
o-Xylene	NS	21.4	4.78	1.99	0.869 U
p/m-Xylene	NS	55.2	13.1	4.82	2.06
Styrene	NS	4.26 U	1.7 U	0.852 U	0.852 U
tert-Butyl Alcohol	NS	14.6	18	6.55	1.52 U
Tetrachloroethene	30	14.1	22.4	2.18	1.36 U
Tetrahydrofuran	NS	7.37 U	2.95 U	1.47 U	1.47 U
Toluene	NS	60.7	22.6	13.8	4.07
trans-1,2-Dichloroethene	NS	3.96 U	1.59 U	0.793 U	0.793 U
trans-1,3-Dichloropropene	NS	4.54 U	1.82 U	0.908 U	0.908 U
Trichloroethene	2	5.37 U	46	4.62	1.07 U
Trichlorofluoromethane	NS	5.62 U	2.25 U	1.29	1.36
Vinyl bromide	NS	4.37 U	1.75 U	0.874 U	0.874 U
Vinyl chloride	NS	2.56 U	1.02 U	0.511 U	0.511 U

Tables 1-9
470 Manhattan Avenue
Brooklyn, NY
Analytical Results
Notes

GENERAL

- NS** : No soil cleanup objective is established.
- ND** : The analyte was not detected at a concentration exceeding the laboratory reporting limit.
- U** : The analyte was not detected above the laboratory reporting limit listed.
- TS** : The concentration given represents a sum total standard.
- J** : The reported concentration is an estimated value.

SOIL

Part 375 Soil Cleanup Objectives : Soil Cleanup Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).

Exceedences of Part 375 Unrestricted Soil Cleanup Objectives are highlighted in bold font.
Exceedences of Part 375 Restricted Residential Soil Cleanup Objectives are highlighted in gray.

mg/kg : milligrams per kilogram = parts per million (ppm)

GROUNDWATER

NYSDEC Class GA Ambient Standard : New York State Department of Environmental Conservation Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values.

Exceedences of NYSDEC Class GA Ambient Standards are highlighted in bold font.

µg/L : micrograms per Liter = parts per billion (ppb)

mg/L : milligrams per Liter = parts per million (ppm)

SOIL VAPOR

NYSDOH Soil Vapor Intrusion Air Guidance Value : NYSDOH Air Guideline Values (AGVs) and Table 3.3 Matrix 1 and 2 Chemicals presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 ("NYSDOH Vapor Intrusion Guidance Document"), updated September 2013 for change of AGV for PCE and August 2015 for change of AGV for TCE.

Exceedences of NYSDOH Soil Vapor Intrusion Air Guidance Values are highlighted in bold font.

µg/m³ : micrograms per cubic meter of air

ppbv : parts per billion per one liter of air

Table 10: Temporary Groundwater Monitoring Well Data

Temporary Groundwater Monitoring Well Identification	Construction Date	Construction Details	Depth to Water (Feet Below Grade)	Samples Collected/Analyses
GW-1	9/28/2015	2" diameter PVC pipe with 10' screen	12.3	GW-1/ VOCs, SVOCs, PCBs, Pesticides, TAL Metals (Total & Dissolved)
GW-2	9/28/2015	2" diameter PVC pipe with 10' screen	10.2	GW-2/ VOCs, SVOCs, PCBs, Pesticides, TAL Metals (Total & Dissolved)
GW-3	9/28/2015	2" diameter PVC pipe with 10' screen	10.0	GW-3/ VOCs, SVOCs, PCBs, Pesticides, TAL Metals (Total & Dissolved)
GW-4	10/9/2015	2" diameter PVC pipe with 10' screen	12.0	GW-4/ VOCs, SVOCs, PCBs, Pesticides, TAL Metals (Total & Dissolved)
GW-5	9/28/2015	2" diameter PVC pipe with 10' screen	10.0	GW-5/ VOCs, SVOCs, PCBs, Pesticides, TAL Metals (Total & Dissolved)

Table 11: Analytical Methods Summary

Matrix	Number of Samples	Analytical Parameters	QA/QC Samples
Soil	20	VOCs (8260), SVOCs (8270), PCBs (8082), Pesticides (8081), TAL Metals (6000/7000)	2 Trip Blanks (VOCs, 8260)
Groundwater	5	VOCs (8260), SVOCs (8270), PCBs (8082), Pesticides (8081), TAL Metals (6000/7000) (Total & Dissolved)	
Soil Vapor	7	VOCs (TO-15)	Ambient Air (VOCs, TO-15)

APPENDIX A
SITE PHOTOGRAPHS



Photograph 1: Advancing soil boring SB-4 on Lot 1.



Photograph 2: Typical Site lithology (depth increasing from background to foreground) at soil boring SB-4 on Lot 1.



Photograph 3: Sampling temporary groundwater monitoring well GW-4 on Lot 1.



Photograph 4: Sampling soil vapor point SV-7 on Lot 1.



Photograph 5: Advancing soil boring SB-10 on Lot 1.



Photograph 6: Ash encountered in soil boring SB-4.



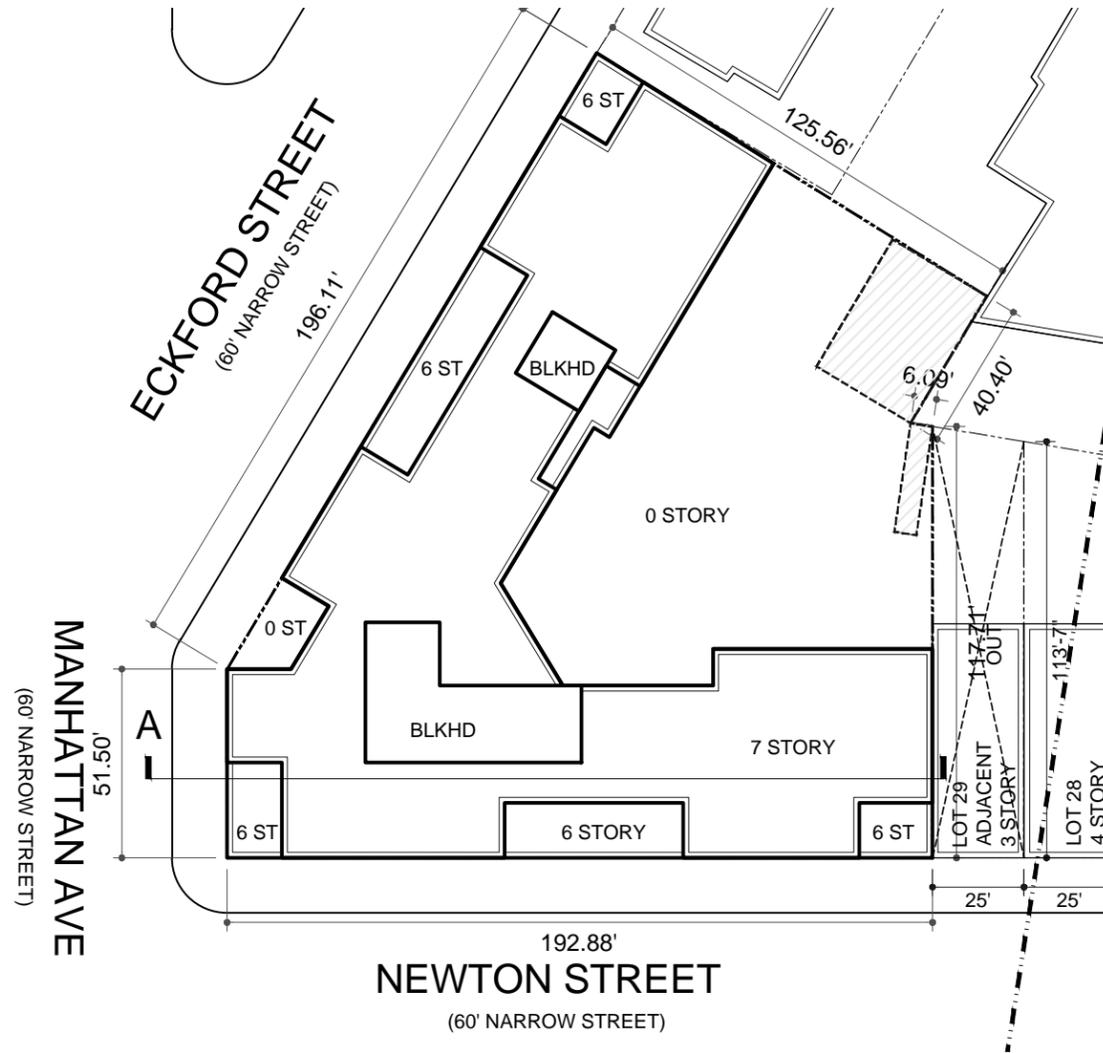
Photograph 7: Patched boring locations SB-4, GW-4, and SV-4 on Lot 1.



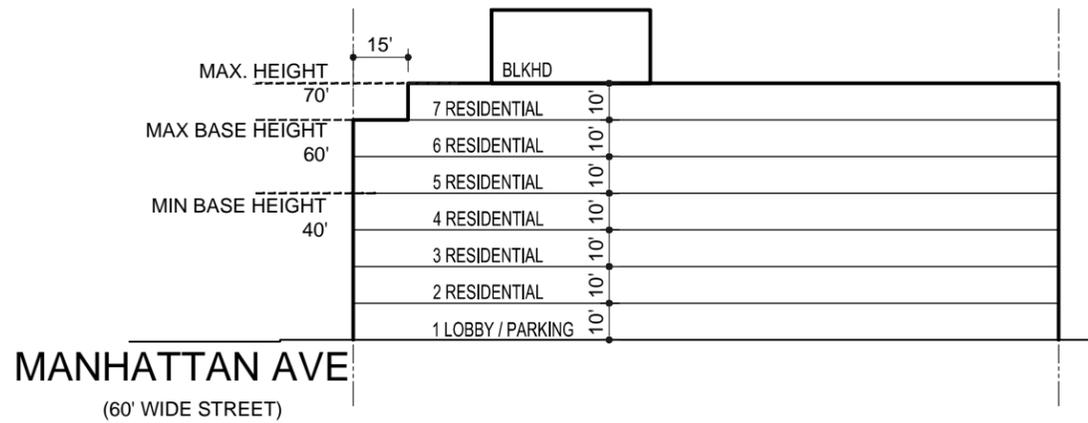
Photograph 8: Vaulted 3,000-gallon No. 2 fuel oil AST in the basement of the residential building on Lot 1.

APPENDIX B
PROPOSED DEVELOPMENT PLANS

*DESIGN **CONCEPT** | LAYOUTS*



1 SITE PLAN
1"=50'



2 SECTION
1"=50'

470 Manhattan Ave

9-Jul-15

Brooklyn, NY

Scheme 1

Block: 2714
 Lots: 1, 30, 32, 33
 Zoning District: M1-2/R6A
 Special District: MX-8 Special Purpose District
 IHDA
 Little E - Environmental Designation

Site Area:

Estimated Site Area (per tax map):	Lot 1	14,603 SF
	Lot 30	5,129 SF
	Lot 32	1,645 SF
	Lot 33	10,073 SF
Total Lot Area		31,450 SF

Permitted FAR:

Residential Base	All uses in mixed building.	2.70	84,915 SF
Residential Max (IDHA)	(*1.25 FA compensation)	3.60	113,221 SF
Total Permitted Zoning Floor Area:			113,221 SF

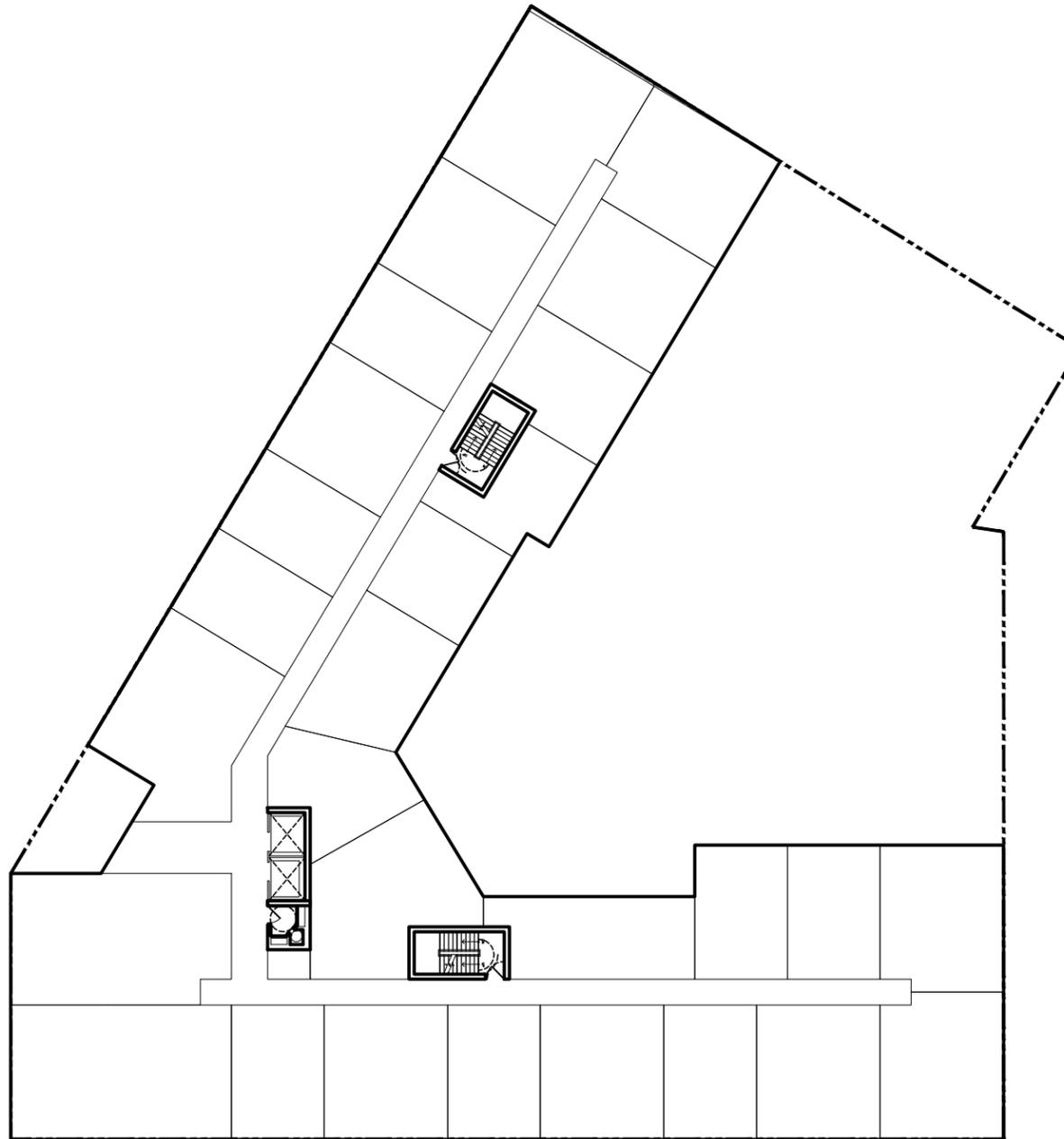
Proposed GFA Calculations:

Max. Permitted ZFA	113,221 SF
+3.5% Mechanical:	3,963 SF
+4.5% QH Deduction:	5,095 SF
Fixed Deductions:	
Wall Resistance Rating Deductions	0 SF
Above Grade Parking	0 SF
Mech Rooms	0 SF
Above Grade GFA Total	122,278 SF

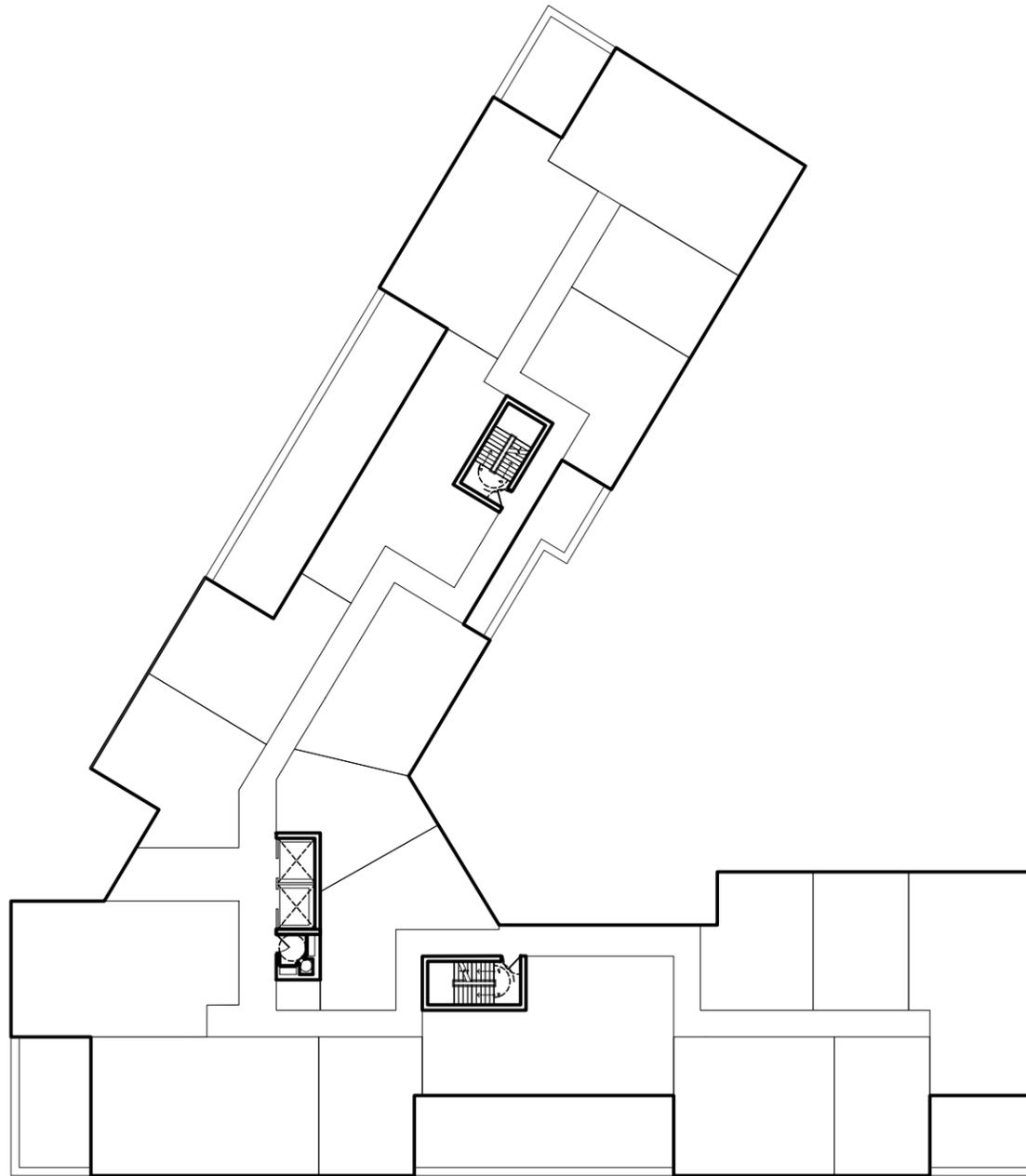
Proposed Gross Floor Areas (SF):

Floor	QTY	Area/FL	Total
C	1	19,837	19,837
1	1	6,236	6,236
2-5	4	19,836	79,344
6	1	19,836	19,836
7	1	16,862	16,862
TOTAL	8		142,115
TOTAL ABOVE GRADE	7		122,278
ALLOWABLE FLOOR AREA REMAINING			0

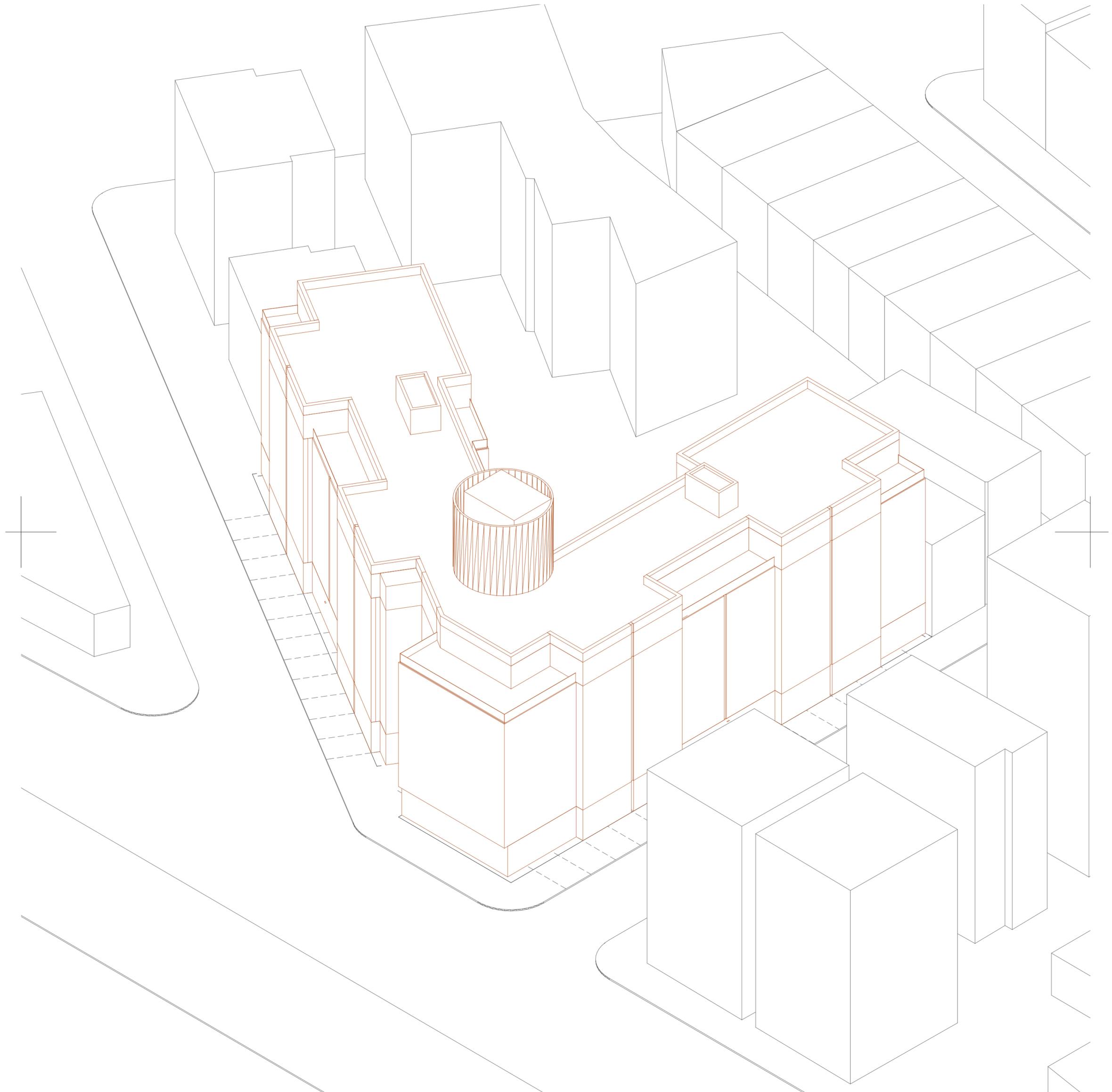
Floor	QTY	Mech	Residential	Residential Amenity	Accessory Parking	Total Per Floor
C	1	0	19,837	0	0	19,837
1	1	0	2,500	3,736	0	6,236
2-5	4	0	79,344	0	0	79,344
6	1	0	19,836	0	0	19,836
7	1	0	16,862	0	0	16,862
TOTAL GROSS	8	0	138,379	3,736	0	142,115
TOTAL ABOVE GRADE	7	0	118,542	3,736	0	122,278

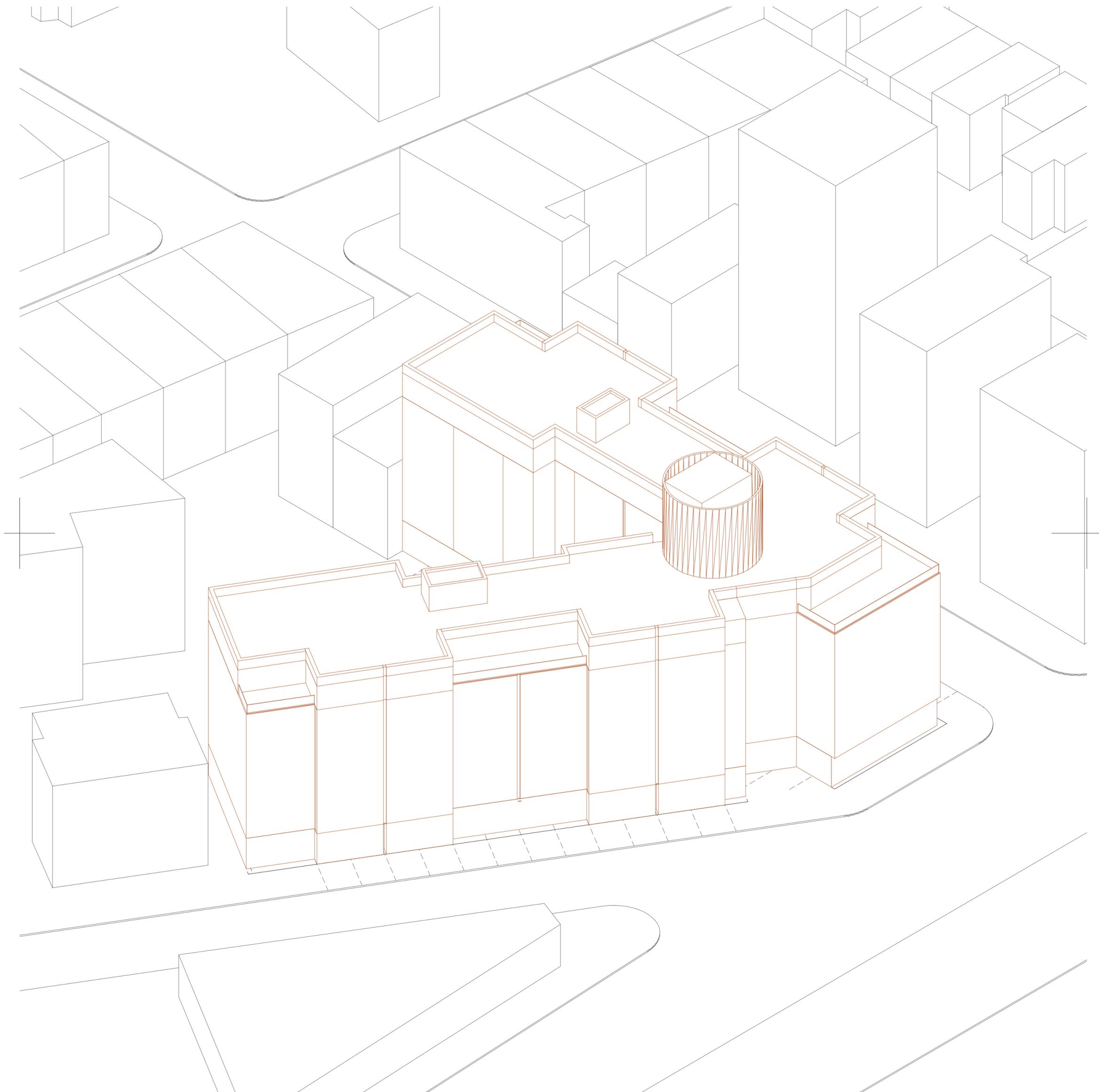


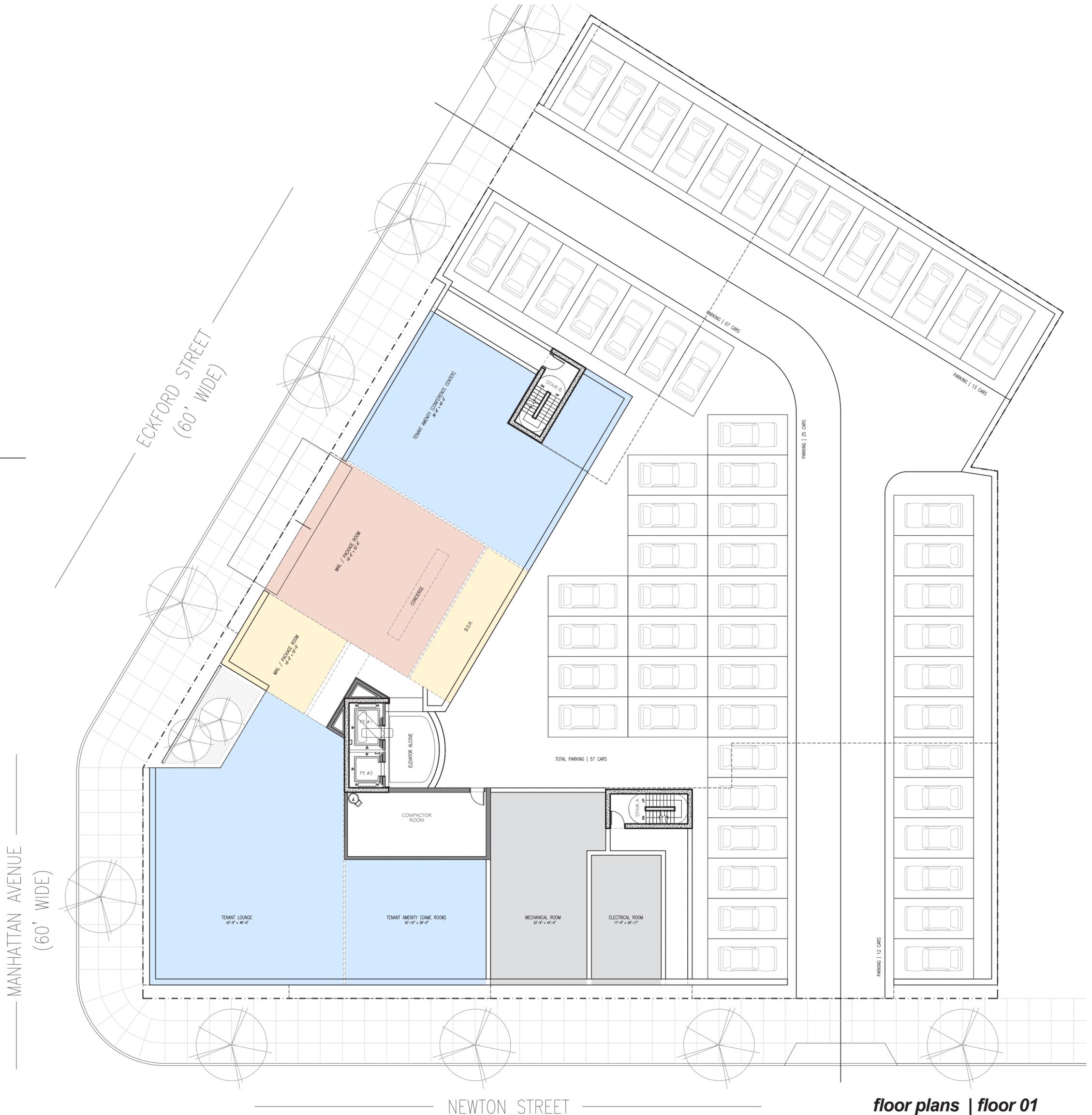
1 2-6 FLOOR PLAN
1/32"=1'



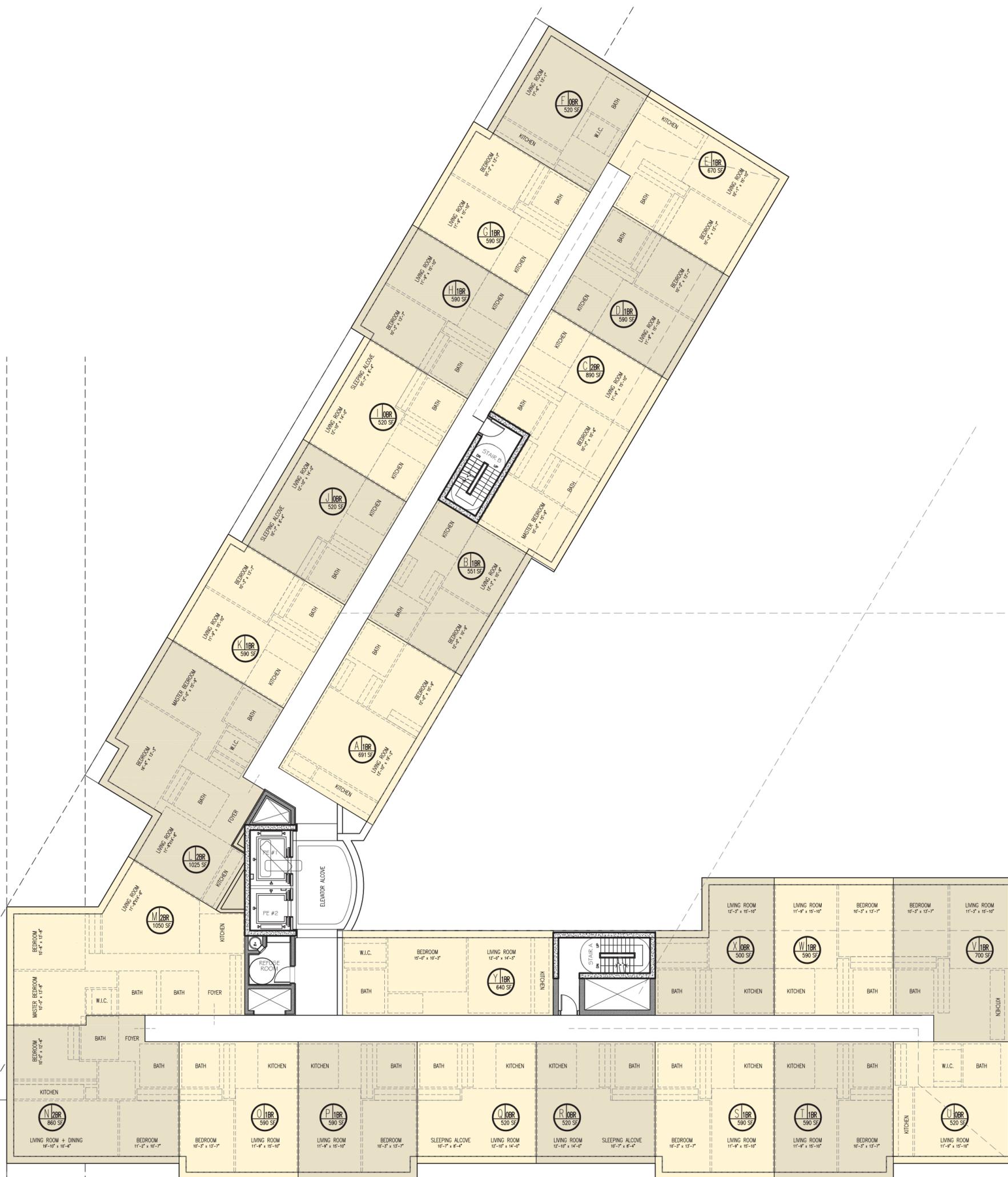
1 2-6 FLOOR PLAN
1/32"=1'



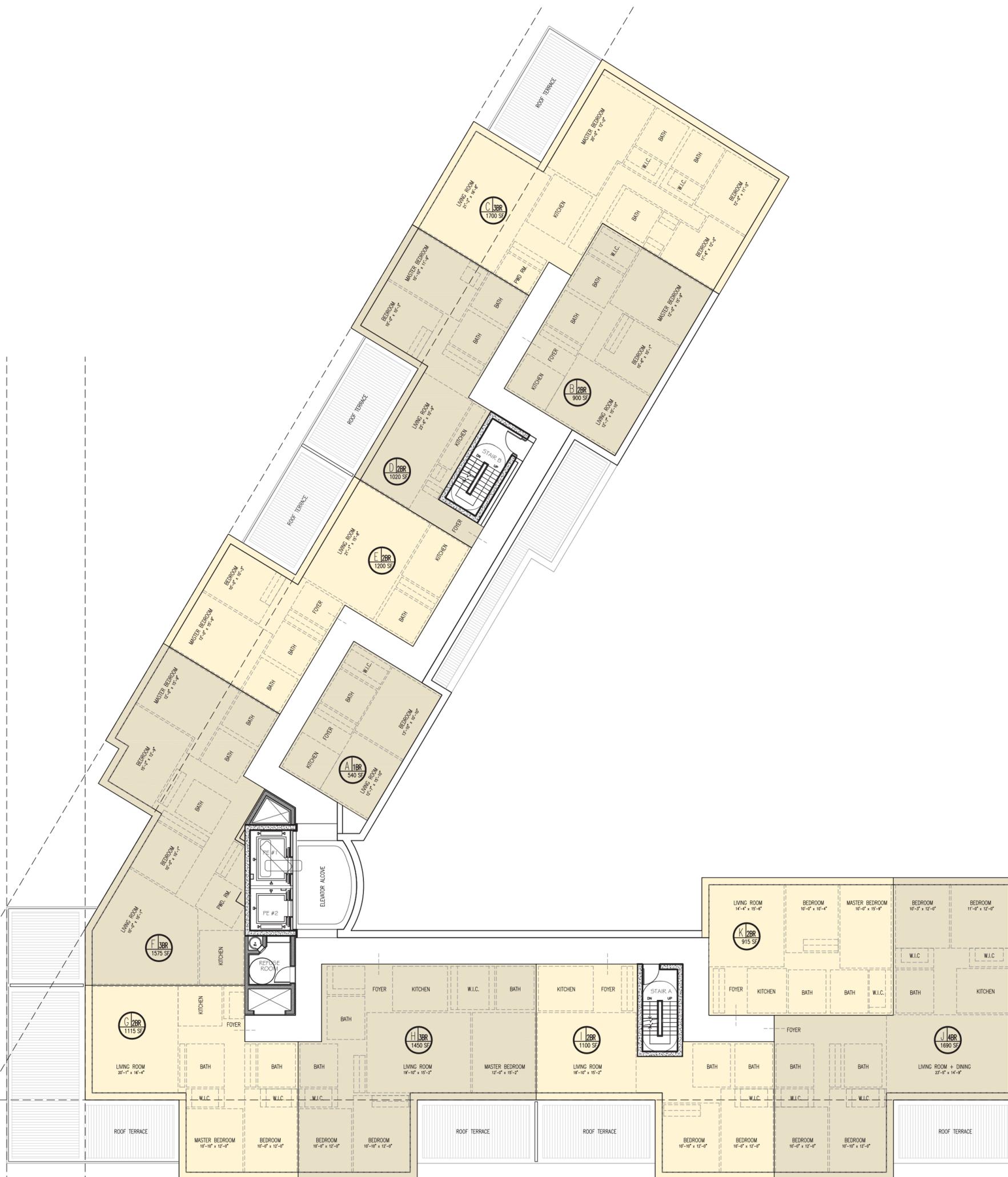




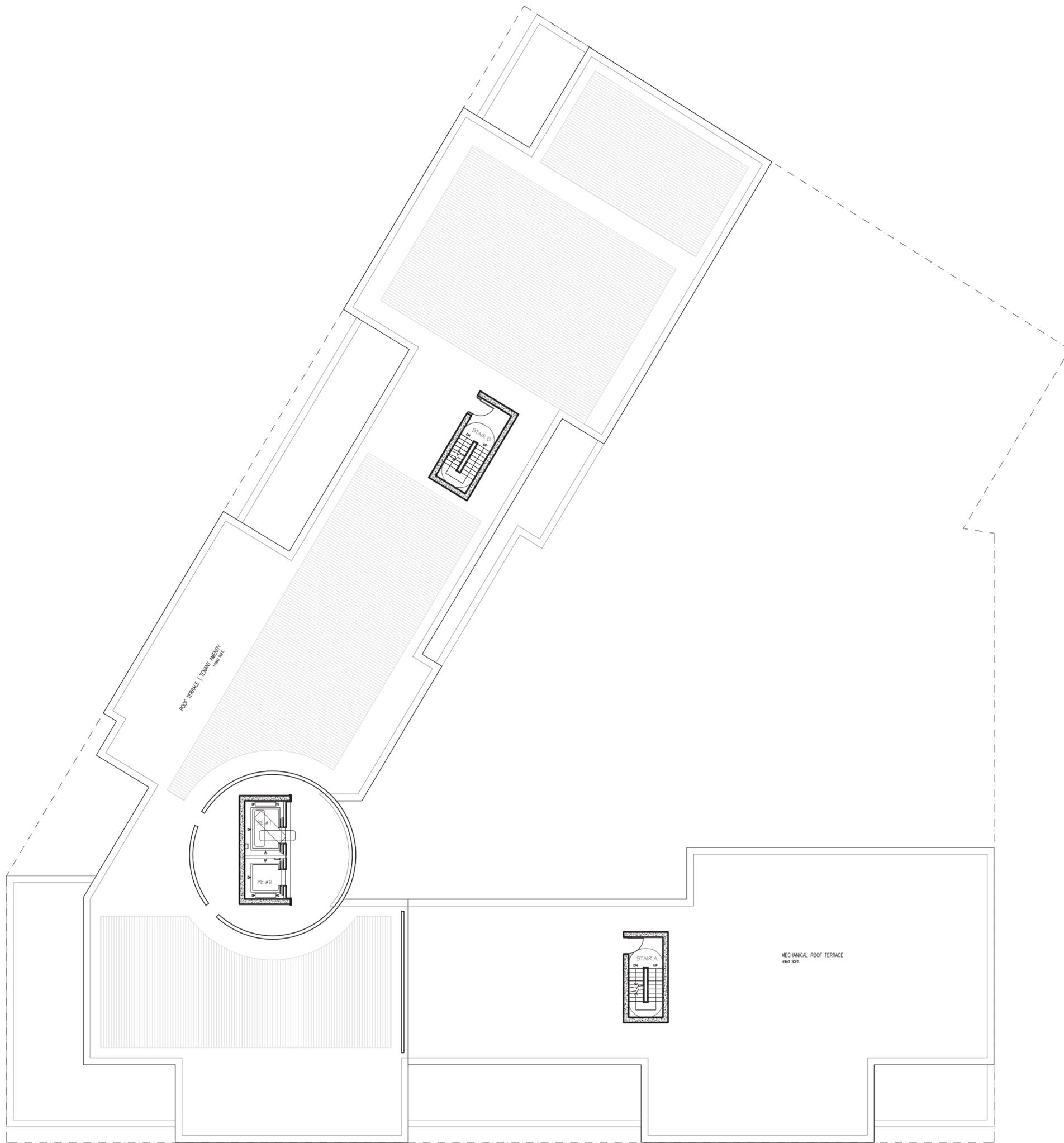
floor plans | floor 01



floor plans | floor 0206



floor plans | floor 07



RENTAL UNIT MATRIX - Suggested						
	0 BEDROOM	1 BEDROOM	2 BEDROOM	3 BEDROOM	4 BEDROOM	TOTAL / FLOOR
FLOOR 01						
FLOOR 02	6	15	4			25
FLOOR 03	6	15	4			25
FLOOR 04	6	15	4			25
FLOOR 05	6	15	4			25
FLOOR 06	6	15	4			25
FLOOR 07		1	6	3	1	11
TOTAL UNITS	30	76	26	3	1	136
	22%	56%	19%	2%	1%	

AREAS																													
FLOOR	MECH/BOH																									NET	GROSS AREA		
CELLAR	0																								0	0			
FLOOR	LOBBY	LOUNGE	PARKING	MECH. RM.	COMP. RELE. RM.																						GROSS AREA		
FIRST	1,290	2,420	#####	990	450	460																					30,135		
FLOOR	APT A	APT B	APT C	APT D	APT E	APT F	APT G	APT H	APT I	APT J	APT K	APT L	APT M	APT N	APT O	APT P	APT Q	APT R	APT S	APT T	APT U	APT V	APT W	APT X	APT Y	FITNES	NET RENTABLE	GROSS AREA	RATIO
2ND	691	551	890	590	670	520	590	590	520	520	590	1025	1050	860	590	590	520	520	590	590	520	700	590	500	640		16,007	18,900	85%
3RD	691	551	890	590	670	520	590	590	520	520	590	1025	1050	860	590	590	520	520	590	590	520	700	590	500	640		16,007	18,900	85%
4TH	691	551	890	590	670	520	590	590	520	520	590	1025	1050	860	590	590	520	520	590	590	520	700	590	500	640		16,007	18,900	85%
5TH	691	551	890	590	670	520	590	590	520	520	590	1025	1050	860	590	590	520	520	590	590	520	700	590	500	640		16,007	18,900	85%
6TH	691	551	890	590	670	520	590	590	520	520	590	1025	1050	860	590	590	520	520	590	590	520	700	590	500	640		16,007	18,900	85%
7TH	540	900	1,700	1,020	1,200	1,575	1,115	1,450	1,100	1,690	915																13,205	15,950	83%
7TH TERRACE			270	280	260	230	720	270	270	280																			
AL NET RENTA	3,995	3,655	6,150	3,970	4,550	4,175	4,065	4,400	3,700	4,290	3,865	5,125	5,250	4,300													51,948	140,585	
ROOF																													
FLOOR																											BULKHEAD	GROSS AREA	
MAIN ROOF																											11000	15,945	

*NET SELLABLE DOES NOT INCLUDE TERRACE AREA

calculations | areas + unit matrix

APPENDIX C
PREVIOUS REPORTS



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PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

119-125 Newton Street
Brooklyn, NY



Prepared For:

Mr. Asher Asraf
ELBIT Development INC
15038, Union Tpke #2H
Flushing, New York 11367

April 16, 2013

Hydro Tech Job No. 130087

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

119-125 Newton Street
Brooklyn, NY

April 16, 2013

Hydro Tech Environmental, Corp. appreciates the opportunity to work for Mr. Asher Asraf of ELBIT Development at the property located at 119-125 Newton Street in Brooklyn, New York.

Should you require any additional information or have any comments regarding the contents of this report, please feel free to contact our office at your convenience.

We declare that, to the best of my professional knowledge and belief, HTE personnel meet the definition of an environmental professional as defined in §312.10 of 40 C.F.R. 312, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

Very Truly Yours,
Hydro Tech Environmental, Corp.

X 

Rupa Magar
Project Manager

X 

Mark E. Robbins, C.P.G., C.E.I.
Senior Vice President

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1.0 EXECUTIVE SUMMARY

Hydro Tech Environmental, Corp. (Hydro Tech) has performed a Phase I Environmental Site Assessment (Phase I ESA) at the Subject Property located at 119-125 Newton Street Brooklyn, New York. The Phase I ESA was performed to meet or surpass the American Standard of Testing Materials Standard for Phase I Environmental Site Assessments E 1527-05. The purpose of the assessment was to characterize the environmental quality of the Subject Property through the identification of Recognized Environmental Conditions. All work was performed under the supervision of a Hydro Tech Project Manager and under the guidance of a Hydro Tech geologist.

The results of the Phase I Environmental Site Assessment are contained in this report. The Phase I Environmental Site Assessment has revealed the following Recognized Environmental Condition(s) at the Subject Property:

- The suspect presence of underground storage tank(s) (§4.0).
- The presence of CEQR "E" Designation E-138 for HazMAT (§5.0).
- The historical use of the property as metal fabrication shop and scrap metal yard (§6.0)

No effort has been made to perform any investigation beyond what is included in this Report. The observations and conclusions included herein summarize the results of the Phase I Environmental Site Assessment up to the date of the fieldwork and the date of this Report.

The following sections provide the details and specific information pertaining to the various components of the Phase I Environmental Site Assessment.

2.0 INTRODUCTION & SCOPE OF WORK

2.1 Introduction

Hydro Tech Environmental, Corp. (Hydro Tech, the "*Preparer*") has been retained by Mr. Asher Asraf of ELBIT Development (the "*User*") to perform a Phase I Environmental Site Assessment at the property located at 119-125 Newton Street in Brooklyn, New York. The User is the "*Prospective Buyer*" of the property. The Phase I was prepared for due diligence purposes towards a purchase transaction of the property. The property will hereafter be referred to as the "*Subject Property*".

The purpose of a Phase I Assessment is to characterize the environmental quality of the Subject Property through the determination of the presence of Recognized Environmental Conditions (RECs). As defined by the American Society of Testing and Materials (ASTM), a REC is, "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property" (ASTM E 1527-05, §1.1.1).

To this end, Hydro Tech has collected information through a number of sources including, but not limited to: a property and neighborhood inspection by trained environmental personnel, a review of historical and current information collected from various federal, state, county and municipal agencies and personnel interviews with Site representatives. Recommendations are offered where prudent. Firms subcontracted by Hydro Tech and the User may have collected some information used in this report. Some or all of the Assessment has been performed or supervised by environmental professionals as required by 40 CFR Part 310. The procurement of Title and Judicial Records for Environmental Liens and/or Activity and Use Limitations ("AULs") by HTE is beyond the scope of this practice (ASTM E1527-05) and investigation.

2.2 Scope of Work

The general activities of the Phase I Assessment included the performance of the following tasks:

1. A detailed inspection of the Site and its general vicinity.
2. A review of all reasonably ascertainable regulatory agency documents.
3. A neighborhood hazardous waste survey utilizing Federal and State databases.
4. A review and evaluation of reasonably ascertainable geologic and hydrogeologic reference materials.
5. Interviews with representatives of the Site.
6. The preparation of a Phase I Environmental Site Assessment Report.

The Phase I ESA was performed in accordance with ASTM E 1527 except where noted in Section 2.3 and Hydro Tech's Proposal. As required by ASTM, the User has supplied information that has been relied upon by Hydro Tech in the rendering of findings, conclusions and opinions, except where indicated in Section 2.3 or elsewhere in the report.

2.3 Limitations, Deviations and Exceptions

In addition to those items outlined by ASTM E 1527, asbestos, radon, lead-based paint and lead in water were also considered in the scope of work. While this Phase I Assessment provides information with respect to both asbestos and lead-based paint, the presence of these materials can only be confirmed through the collection and analysis of bulk samples.

This report is not intended to serve as a full asbestos survey or lead-based paint survey. These surveys are commonly performed for the purpose of building demolition/renovation or the recognition/identification of any building materials that may contain asbestos or lead-based paint and it is recommended that they be performed prior to any such work.

Business Environmental Risks have not been considered and are not included in the scope of work. This Phase I Assessment is not intended to address the soil/groundwater quality at the Subject Property for general Site characterization or waste disposal purposes. This Phase I Assessment is not intended to evaluate the fair market price of the property if it is not affected by hazardous or petroleum products.

Portions of this report have been prepared utilizing information provided by third party sources or the user. As such, Hydro Tech relies upon these sources and has recorded findings, conclusions and opinions based upon this information. Hydro Tech cannot attest to the accuracy of this information but where possible had attempted to verify the information.

This Phase I ESA Report is not intended to serve or be construed as a regulatory compliance report for the property. No legal opinions are provided with this report.

It should be noted that the USEPA has determined in their final ruling (40 C.F.R. Part 312, Standards and Practices for All Appropriate Inquiries) of November 1, 2005 that "persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527-05 standard to comply with today's final rule." Therefore, while all appropriate inquiry could be considered satisfied as this ESA was prepared in exceedances(s) of the ASTM E1527-05 standard, persons attempting to utilize this ESA while seeking one of CERCLA's LLPs must note that; a) they will not maintain CERCLA liability protections unless they also comply with all of the continuing obligations established under the statute that are beyond the scope of this practice (ASTM E1527-05) and investigation; and b) in order to qualify for one of the CERCLA LLPs, the person commissioning the Phase I Environmental Site Assessment must have provided site-specific information (if available) to Hydro Tech before the date of this ESA, otherwise a determination could be made that all appropriate inquiry is not complete.

3.0 SUBJECT PROPERTY DESCRIPTION

3.1 Subject Property Vicinity

The Subject Property is located on the north side of Newton Street, between Manhattan Avenue to the west and Graham Avenue to the east, in the borough of Brooklyn, New York. The borough of Brooklyn is situated in the north portion of New York City.

The vicinity of the Subject Property consists of commercial and residential properties. The ground surfaces in the vicinity of the Site consist of concrete.

3.2 Subject Property Description

The address of the Subject Property is identified as 119-125 Newton Street, NY. The Subject Property is approximately 6,656 square feet in area and is occupied by A F Furniture. The interior of building contains an office area and bathroom in the southeast portion, operations room in the central portion, storage room in the northeast portion, finishing room northwest portion and a cellar northern portion of the property. A paint spray booth is located in the northwest portion of the building. Minor stains are present in the vicinity of the spray booth; these minor stains will be further discussed. A partial cellar used for storage is situated beneath the northern portion of the building; access to the cellar is via an indoor stairway along the northern interior wall of the building.

Access to the Subject Property is via Newton Street to the south. The Subject Property is connected to the municipal water, sewer and electric services. These services enter the Subject Property from Newton Street to the south. The building is heated via ceiling mounted natural gas operated forced air heaters.

The topography of the Subject Property and its vicinity is generally level. **Figure 1** provides a Site Plan.

3.3 Adjacent Land Use

The Subject Property is located in a residential and commercial area. The following properties were identified immediately adjacent to the Subject Property:

<u>Direction</u>	<u>Adjacent Parcel</u>	<u>Surrounding Parcels</u>
North	Residential/ Commercial (Quick Fitness Gym)	Residential/ Commercial
South	Multi story residential	Residential
East	Residential	Residential
West	1 Story Commercial	None

Hydro Tech does not believe that the present uses of the adjacent properties identified above should impact upon the environmental quality of the Subject Property.

3.4 Proximity to Environmentally Sensitive Areas

The results of the Site inspection and an evaluation of the United States Geological Survey (USGS) 7-1/2 Minute Topographic Map containing the properties indicate there are two sensitive receptors present within a 0.125-mile radius of the Subject Property. These sensitive receptors are identified as John Ericsson School and SMYK Day Care. Hydro Tech does not believe that the Subject Property should impact upon these receptors.

3.5 Environmental Setting

The Site is located in the western portion of the Borough of Brooklyn, New York. The elevation of the Subject Property is approximately 17 feet above mean sea level (USGS 7 ½-Minute Brooklyn, New York Quadrangle, 1995, Photo revised 2010, 2011).

Brooklyn, New York is located in the western portion of Long Island. Long Island consists of a wedge-shaped mass of unconsolidated deposits that overlies ancient basement rock. The thickness of these deposits ranges from approximately 100 feet on the Island's north shore to approximately 2,000 feet in some portions of the south shore. These deposits contain ground water that is the sole source of drinking water for the Island's over 3.1 million residents.

The major landforms of Long Island of importance to the hydrologic system are the moraines and outwash plains, which originated from glacial activity. The moraines represent the farthest extent of the glacial advances. The moraines consist of till, which is a poorly sorted mixture of sand, silt, clay, gravel and boulders. The till is poor to moderately permeable in most areas. Outwash plains are located to the south of the moraines. The outwash plains were formed by the action of glacial melt water streams, which eroded the headland material of the moraines and laid down deposits of well-sorted sands, silts and gravels. These outwash deposits have a moderate to high permeability.

The **Upper Glacial Aquifer** is the uppermost hydrogeologic unit. This aquifer encompasses the moraine and outwash deposits, in addition to some localized lacustrine, marine, and reworked materials. A relatively high horizontal hydraulic conductivity and a low vertical hydraulic conductivity characterize the outwash plain portion of this unit. Since the water table is situated in the Upper Glacial Aquifer.

The **Magothy Formation** directly underlies the Upper Glacial Aquifer in the vicinity of the site. This formation is a Cretaceous coastal-shelf deposit, which consists principally of layers of sand and gravel with some interbedded clay. This formation ranges from moderate to highly permeable. A clay layer in some parts of Long Island confines the uppermost portion of the aquifer. The Magothy is Long Island's principal aquifer for public water supply. The United States Environmental Protection Agency (USEPA) has classified the Long Island aquifer system as a sole source aquifer.

The **Raritan Formation** is the deepest unit and rests directly above the bedrock units. This formation is comprised of a sand member (**Lloyd Aquifer**) and a clay member (**Raritan Clay**). The Lloyd sand extends southward from Flushing Bay to the Atlantic Ocean. The thickness of the sand member ranges in depth from 200 to 800 feet below sea level and increases in thickness to the southeast. The clay member acts as an aquitard confining the lower Lloyd aquifer between the clay and the underlying bedrock.

Long Island has a humid, temperate climate that is strongly influenced by the Long Island Sound and the Atlantic Ocean. These bodies of water temper extremes of heat in summer and cold in winters. Climate affects the formation of soil through its influence on chemical, biological and physical processes. The amount and content of rainwater, as it percolates through the soil, chemically alters the composition of the soils. Chemical and biological processes are also affected by temperature changes. The physical weathering of the soil and rocks is affected by freezing.

The soils of Long Island are relatively young, having developed since the last recession of glaciation approximately 25,000 years ago. Over thousands of years, the minerals in the bedrock debris slowly decayed and disintegrated, providing the necessary substrate to support biological activity. Rock-forming minerals such as feldspars and micas, that are rich in potassium and aluminum, release their important elements as they are converted to clays. Soils formed in glacial drift are commonly known as loam, a mixture of sand, silt and clay.

The soils of Long Island formed three distinct soil horizons or zones on glacial deposits. The lowest horizon, designated as the C-horizon, is similar in composition to the transported glacial rock debris. The B-horizon is above the C-horizon and consists of sediments that have been considerably altered from their C-horizon source. Vadose zone water percolates through the B-horizon, carrying compounds of clay, iron, aluminum oxides, carbonates and humic acid. These materials are redeposited within the lower portions of the B-horizon, and form the zone of accumulation. The zone of accumulation may also be the zone of ground water saturation.

The zone of leaching is found in the A-horizon, which is the upper, organic-rich and life sustaining layer with abundant roots and organic matter at the surface. The A-horizon is distinct from the underlying B & C-horizons because it is darker and more friable.

Differentiation in soil horizons are the result of various soils-forming processes such as the physical breakdown of particles, the leaching of salts, the accumulation of organic matter and the chemical weathering of primary minerals. The chemical weathering of primary minerals occurs through processes such as chelation, the formation of silicate clay minerals and the translocation of silicate clay minerals by percolating water from one horizon to another and the accumulation of iron.

The depth to groundwater in the vicinity of the Site is estimated to be 7 to 12 feet. The groundwater flow direction in the vicinity of the Site is toward the west in the direction of East River.

4.0 SITE RECONNAISSANCE

Mr. Mark E. Robbins, CPG, CEI and Ms. Rupa Magar of Hydro Tech performed the site reconnaissance portion of the Phase I Assessment on April 5, 2013. The weather during the inspection was sunny and approximately 51 degrees Fahrenheit. *Appendix A* provides photographs of the Subject Property.

Hydro Tech inspected all accessible portions of the Subject Property. The following pertinent information was obtained during the Subject Property Reconnaissance:

1. Industrial Processes:

No industrial processes were observed at the Subject Property. No evidence of historical industrial processes was observed at the Subject Property.

2. Suspect Asbestos-Containing Materials:

No visual evidence of suspect asbestos containing material (ACM) was identified at the Subject Property.

3. Suspect Lead-Based Paint:

No evidence of peeling paint was identified at the Subject Property.

4. Drum Storage Areas:

No current or former drum storage areas were observed at the Subject Property.

5. Storage Tanks:

Two steel pipes were observed protruding from concrete on top of the southwest portion of the Subject Property. No corresponding fill ports were observed in the sidewalk along Newton Street or within the visible footprint of the building. The steel pipes are indicative of vent pipe, which is indicative of the presence of storage tanks. Additional information pertaining to the presence of storage tanks will be further discussed in Section 5.0 of this report.

No further visual evidence of underground storage tanks (USTs) or aboveground storage tanks (ASTs) was identified at the Subject Property. No evidence of former ASTs or USTs was identified at the Subject Property.

6. Subsurface Drainage Structures/Drains:

No subsurface drainage structures, such as leaching pools, cesspools, or drywells were observed at the Subject Property. Two floor drains were observed at the Subject Property. First floor drain is in the northern portion of the Subject Property and the second in the southern portion of the Subject Property. Both floor drains likely discharge to the municipal sewer. No evidence of former subsurface drainage structures was observed at the Subject Property.

No evidence of current or former septic/waste water/storm water discharge systems is identified at the Subject Property. The Subject Property is located in a well-served area in the New York City with a publicly managed combined sewer system.

7. PCB-Containing Equipment:

Other than fluorescent light ballasts, no PCB-containing equipment was identified at the Subject Property

8. Monitoring / Potable Water Wells:

No potable water wells were observed at the Subject Property.

The Subject Property does not utilize wells for the generation of potable water.

No monitoring wells were identified on the adjacent properties.

9. Mold

No visual evidence of mold was identified at the Subject Property.

10. Pits, Ponds, or Lagoons:

No waste disposal pits, ponds, or lagoons were observed at the Subject Property. No evidence of former pits, ponds, pools of liquid or lagoons were observed at the Subject Property.

11. Wetlands

No evidence of wetlands or wetlands growth is identified at the Subject Property. The location of the Subject Property and its vicinity do not appear in the USA National Wetlands Inventory.

12. Distressed Vegetation:

No distressed vegetation was observed at the Subject Property.

13. Fill / Land Disposal / Solid Waste:

No visual areas of fill or evidence of land disposal of solid waste material(s) were observed at the Subject Property.

14. Engineering Controls:

No engineering controls were noted at the Subject Property.

15. Odors/Air Emissions:

No odors indicative of a petroleum, chemical or hazardous substance spill or release were identified at the Subject Property. No evidence of air emissions or air emission equipment was identified at the Subject Property.

Minor stains were observed in the vicinity of the paint spray booth. These stains appear surficial in nature and don't appear to penetrate the concrete. No floor drains are present in the vicinity of the paint spray booth. The minor stains should not impact upon the environmental quality of the Subject Property.

16. Hazardous Substance / Petroleum Containers:

Numerous water-based cans of paint are present in the northern portion of the building, in the vicinity of the paint spray booth. The water-based cans of paint are in good condition. The water-based cans of paint should not impact upon the environmental quality of the Subject Property.

A steel locker marked flammable is present in the southwest portion of the building. The locker contains solvents and oil-based cans of paint. No stains, odors or evidence of spills were identified in the vicinity of the locker. The locker should not impact upon the environmental quality of the Subject Property.

No other evidence of suspect hazardous substance or other petroleum containers were identified at the Subject Property.

17. Radon:

USEPA's recommended action level is 4 picoCuries/liter and the average radon gas concentrations predicted in the Brooklyn area is 1.3 picoCuries/liter. Since Brooklyn is located in a Low Radon Potential area, radon gas should not be represent a potential environmental concern that would warrant the sampling for radon gas at the Subject Property.

5.0 REGULATORY AGENCY DOCUMENTS

Freedom of Information Act (FOIA) requests were issued to the following regulatory agencies with respect to the Subject Property. All reasonably ascertainable municipal records are provided with this report. *Appendix B* provides copies of the regulatory agency documents.

- New York City Department of City Planning
- New York City Department of Building
- New York City Department of Housing Preservation and Development
- New York City Department of Health
- New York City Bureau of Fire Department
- New York State Department of Environmental Conservation
- New York City Department of Environmental Protection

New York City Department of City Planning

The Department of City Planning indicated the Subject Property is addressed as 119-125 Newton Street, Brooklyn, New York. The New York City Zoning Department indicated that the Subject Property is "M1-2/R6A/MX-8".

The Tax Map number for the Subject Property is Block 2714, Lot 30 and Lot 32. The Little "E" Restriction is listed as "HAZMAT". The Little "E" Restriction is associated with an (E) Designation (E-138) as a part of the Greenpoint-Williamsburg Rezoning. This (E) designation was assigned to the Subject Property and its vicinity by the New York City Department of Planning on May 11, 2005 and is listed under City Environmental Quality Review (CEQR) #04DCP003K. The E-138 designation assigned to the Subject Property is specifically described as "Underground Gasoline Storage Tanks* Testing Protocol". The Little "E" restriction of the Site should be considered a REC since the redevelopment of the property should be coordinated with the New York City Mayor's office of Environmental Remediation (OER) in accordance to the CEQR regulations.

New York City Department of Building

A FOIA request was submitted to the New York City Department of Building (NYCDOB). The NYCDOB indicates that there are no open complaints, DOB violations or Environmental Control Board (ECB) violations listed for the Subject Property. The Department of Finance Occupancy Code is listed as "F4-Factory/Industrial" for the Subject Property.

The NYCDOB records further indicate there are 4 Complaints (none open), no violations, 1 ECB Violations (none open), 3 Jobs and 10 Actions listed for the Subject Property. The jobs and actions include construction, interior work permit and installation of spray booth and sprinkler heads.

There is a CO document listed for the Subject Property in the NYCDOB records. The CO is dated May 1966 and indicates the use of the Subject Property as commercial establishment, cellar used as a boiler room and first story used as a die, pattern making machine shop and store. These historical operations will be further discussed.

Hydro Tech believes that none of the other information provided in the NYCDOB records should represent an environmental concern at the Subject Property other than was has been previously identified.

New York City Department of Housing Preservation and Development

A FOIA request was submitted to the New York City Department of Housing Preservation and Development (NYCHPD) on April 3rd, 2013. The NYCHPD indicates that they do not maintain a file on the Subject Property.

New York City Department of Health

A FOIA request was submitted to the New York City Department of Health (NYCDOH). The NYCDOH has indicated that they have received our request and has assigned the control number 2013FR1002. Any information provided by the NYSDEC will be provided as soon as it has been received and evaluated.

New York City Bureau of Fire Prevention

A FOIA request was submitted to the New York City Bureau of Fire Prevention (NYCBFP) on April 3, 2013. As of the date of this report, the NYCBFP has not responded to our search request. Any information provided by the NYCBFP will be provided as soon as it has been received and evaluated.

New York State Department of Environmental Conservation

A FOIA request was submitted to the New York State Department of Environmental Conservation (NYSDEC) on April 3, 2013. The NYSDEC has indicated that they have received our request and has assigned the identification number R2-13-983. Any information provided by the NYSDEC will be provided as soon as it has been received and evaluated.

New York City Department of Environmental Protection

A FOIA request was submitted to the New York City Department of Environmental Protection (NYCDEP) on April 3, 2013. The NYCDEP replied that they do not maintain a file on the Subject Property.

6.0 SITE HISTORY

6.1 Sanborn Maps

Sanborn Fire Rate Insurance Maps for the Subject Property and its vicinity dated 1887, 1905, 1916, 1942, 1951, 1965, 1978, 1979, 1980, 1981, 1982, 1983, 1986, 1987, 1988, 1989, 1991, 1993, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006, 2007 were obtained from EDR and evaluated in order to establish the history of the Site. *Appendix C* provides a copy of the Sanborn Fire Rate Insurance Maps.

Date	Subject Property Shown As	Surrounding area
1887-1916	Vacant, undeveloped lot	Vacant and multi-story dwellings
1942-1951	A gasoline tank is located on the southwestern portion of the Subject Property	Vacant and multi-story dwellings
1965	A gasoline tank is located on the southwestern portion of the Subject Property. A garage on the southeast portion of the Subject Property	Commercial and multi-story dwellings
1978-2007	A gasoline tank is located on the southwestern portion of the Subject Property.	Commercial and multi-story dwellings

6.2 City Directory Search

In order to further assess the property's history, available City Directory files were obtained from EDR for review. The City Directories document known occupants of specific properties and sorted by individual addresses. *Appendix D* provides a copy of the City Directory Search.

The following provides a listing of all documented usages of the addresses 119-125 Newton Street:

Date	Use of Subject Property	Surrounding Property Use
1934	Berman Hyman Scrap Metal	Residences & commercial
1973	Tedone Trucking Service	
1976-1997	Various Commercial	
1997-2005	Penn State Metal Fabricators	
2000-2005	Adams Furniture	

6.3 Previous Studies

Hydro Tech was not provided with any copies of previous studies or other environmental reports pertaining to the Subject Property.

6.4 Previous Owners

According to the property listing on Property Shark, the following provides a list of historical owners of the Site.

YEAR	NAME OF PREVIOUS OWNER
2012	Speizio Realty Corp.

6.5 Historical Use Summary

Based on a review of available information provided and/or obtained for the Subject Property as of the date of this ESA, it appears that the Subject Property was first developed between 1916 and 1932 with commercial establishment. The 1965 Sanborn map further indicate that the southwest portion of the Subject Property was utilized as a garage. Underground storage tanks were noted on numerous Sanborn Maps. The notations of the underground tanks confirm the findings from the site reconnaissance that underground tanks are likely present at the Subject Property.

The on-site operations as a garage, scrap metal facility and a metal fabricator facility likely utilize petroleum and/or hazardous materials, whose discharge may have adversely impacted upon the environmental quality of the Subject Property. Therefore, the historical use of the Subject Property for garage, scrap metal facility and as metal fabricators should be considered REC's.

The Subject Property was utilized as a commercial operation from 1934 through 2007. Historical records indicate that the property remained a vacant lot from 1887-1916. Numerous data gaps (maximum 30 years) were noted in the historical map review. Due to other historical information obtained over the course of this investigation, Hydro Tech does not consider this data failure/data gap significant, as it appears unlikely to have affected potential Recognized Environmental Conditions at the subject site.

7.0 NEIGHBORHOOD HAZARDOUS WASTE DATABASES

Federal, State, Local and Tribal hazardous waste databases were reviewed with respect to the Subject Property and surrounding properties. The search areas for each database were specified by ASTM E 1527. In addition, all orphan sites (those without adequate information for mapping purposes) listed in the database search were also reviewed, evaluated and incorporated (as needed). *Appendix E* provides a copy of the Database Search Results. The following databases, with the appropriate search radius, were reviewed:

ASTM Standard Environmental Record Source	Approx. ASTM Minimum Search Distance (MSD)	Number of Mapped Sites within MSD	Number of Orphan Sites
1. NPL (Superfund) <i>National Priorities List</i>	1.0 Mile	0	0
2. Delisted NPL Site <i>Delisted National Priorities List Site</i>	0.5 Mile	0	0
3. CERCLIS <i>Comprehensive Environmental Response Compensation & Liability Information System</i>	0.5 Mile	0	0
4. CERCLIS NFRAP <i>CERCLIS No Further Remedial Action Planned Site</i>	0.5 Mile	1	0
5. RCRA-TSD CORRACTS <i>Resource Conservation & Recovery Treatment/Storage/Disposal Facility Subject to Corrective Action</i>	1.0 Mile	1	0
6. RCRA-TSD <i>Resource Conservation & Recovery Treatment/Storage/Disposal Facility (Non-Corrective Action)</i>	0.5 Mile	0	0
7. RCRA-LG <i>Resource Conservation & Recovery Large Quantity Generator</i>	Site & Adjoining	0	17
8. RCRA-SG <i>Resource Conservation & Recovery Small Quantity Generator</i>	Site & Adjoining	0	9
9. ERNS <i>Emergency Response Notification System</i>	Property Only	0	10
10. Local / State / Tribal UST, PBS <i>Registered Storage Tanks</i>	Site & Adjoining	0	0
11. Local / State / Tribal LTANKS <i>Leaking Underground Storage Tanks</i>	0.5 Mile	21	0
12. State Spill Incidents <i>NYSDEC Spill Sites</i>	0.125 Mile	13	106
13. Local / State / Tribal SWF <i>Solid Waste Facility / Landfill</i>	0.5 Mile	0	0
14. Local / State / Tribal CERCLIS <i>Inactive Hazardous Waste Disposal Site</i>	0.5 Mile	0	0
16. Inst. / Engineering Controls <i>Registry of Institutional and/or Engineering Controls</i>	Property Only	0	0
17. Voluntary Cleanup Program Sites <i>Local / State / Tribal VCP Sites</i>	0.5 Mile	0	0
18. Brownfield Sites <i>Local / State / Tribal Brownfield Sites</i>	0.5 Mile	0	2
19. Non-ASTM Record Source(s)	Not Applicable	No MSD has been established by ASTM for these sources	

The review and evaluation of the above Federal and State/Tribal/Local Databases indicates that the Subject Property is identified in the UST, RCRA non-Generator and Manifest databases.

One (1) site is listed as CERCLIS NFRAP (No Further Remedial Action Planned) Sites within a ½ mile radius of the Subject Property. The site is 520 feet downgradient south-southeast of the Subject Property. Sites included on the NFRAP listing are those at which upon an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require federal Superfund action or NPL consideration. Given that these properties have been removed from the active CERCLIS listing and placed in NFRAP status, along with the distance of each facility from the subject site (at least ¼ mile); none of these properties should impact upon the environmental quality of the Subject Property

One (1) site is listed as CORRACTS facilities within a one-mile radius of the Subject Property. The site is located 5,068 feet upgradient northeast of the subject site. Due to the location and proximity this site should not impact upon the environmental quality of the Subject Property.

Thirteen sites are listed in the NY Spills database within a 0.125-mile radius of the Subject Property. One of the Spill site is located adjacent to the Subject Property. The spill was reported on October 28, 1998, a spill number 9809496 was assigned to it. The spill was cleaned up to the satisfaction of the NYSDEC and closed on February 12, 2003. The spill site is downgradient east-southeast to the Subject Property. Due to the location and closed status of the spill, this site should not impact upon the environmental quality of the Subject Property. All of the 13 Spill sites have been cleaned up to the satisfaction of the NYSDEC and are considered closed. None of the Spill sites should impact upon the environmental quality of the Subject Property.

Twenty-one sites are listed in the Leaking Underground Storage Tanks (LUSTs) database within a ½ mile radius of the Subject Property. None of the LUST sites are located adjacent to the Subject Property. All 21 of the LUST sites have been cleaned up to the satisfaction of the NYSDEC and are considered closed. None of the LUST sites should impact upon the environmental quality of the Subject Property

None of the remaining properties identified in the databases, including Orphan Sites, should impact upon the environmental quality of the Subject Property.

8.0 INTERVIEWS & CLIENT / USER-PROVIDED INFORMATION

During the course of the Phase I Assessment, interviews were conducted with respect to the operation and history of the Site and a Client/User Questionnaire was provided.

1. The client/user provided no records to Hydro Tech's request for information associated with Environmental Liens or Activity and Use Limitations against the property that may have been filed or listed under federal, tribal, state, or local law.
2. The client/user reported no specialized or actual knowledge or experience related to any potential Recognized Environmental Conditions at the Subject Property or nearby properties.
3. The client/user did not respond to Hydro Tech's request for information regarding the relationship of the purchase price of the property to fair market value, specifically if it has been adjusted due to the known or potential presence of on-site contamination.
4. The client/user reported no commonly known information or information within the local community regarding past use(s) of the property (including the storage and/or release of chemicals, hazardous substances, petroleum products, etc.) that could have affected the environmental integrity of the subject site.
5. The client/user could not confirm whether no environmental contamination or cleanups have occurred at the property in the past.

8.1 Past and Present Site Associates

The following historical and current owners, operators provided information during the performance of the Phase I Assessment:

- Owner, AL Furniture (named unknown).

The interview did not reveal the presence of any other potential Recognized Environmental Conditions in connection with the subject site, and did not provide any additional information with respect to the environmental integrity of the subject property that was not obtained from other sources over the course of this investigation.

In addition, although an interview with the former owner(s) was not possible as none were provided to HTE as of the date of this ESA, we do not believe that any such owner(s) would have additional material information regarding the potential for contamination at the property that was not obtained from other sources over the course of this investigation.

9.0 CONCLUSIONS

Hydro Tech has performed a Phase I Environmental Site Assessment at the Subject Property, and has identified the following Recognized Environmental Conditions (RECs):

- The suspect presence of underground storage tank(s) (§4.0).
- The presence of CEQR "E" Designation E-138 for HazMAT (§5.0).
- The historical use of the property as metal fabrication shop and scrap metal yard (§6.0)

10.0 CREDENTIALS & DECLARATION

10.1 Credentials

In accordance with ASTM E 1527, the credentials of those personnel directly involved with the production of this report are provided with this report.

10.2 Environmental Professional Declaration

We declare that to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in 40 CFR Part 312. We have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the Subject Property. Only where indicated we have developed and performed the AAIs in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

11.0 REFERENCES

1. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM E 1527-05, American Society for Testing and Materials, West Conshohocken, PA.
2. Principals of Groundwater Engineering, William C. Walton, Lewis Publishers, Inc., 1991.
3. The Long Island Ground Water Pollution Study, New York State Department of Environmental Conservation, 1972.
4. *Geochemical traverse across Cameron's Line, Boro Hall Park, Bronx, New York*, Cadmus, D., Hodgson, R., Gatto, L.M., and Puffer, J.H., Geology Department, Rutgers University, Newark, NJ.
5. *EDR Environmental Data Resources, 119-125 Newton Street, Brooklyn, NY, April 3 2013*. The EDR – Aerial Photographs, Milford, Connecticut.
6. *EDR Environmental Data Resources, 119-125 Newton Street, Brooklyn, NY, April 3 2013*. The EDR – City Directory Abstract, Milford, Connecticut.
7. *EDR Environmental Data Resources, 119-125 Newton Street, Brooklyn, NY, April 3 2013*. The EDR – Radius Map, Milford, Connecticut.
8. Long Island Home Inspection, (n.d.), Radon on Long Island, from <http://www.longislandhomeinspection.com/content/radon-long-island>
9. Property Shark Property Profile for 119-125 Newton Street, Brooklyn, NY from <http://www.propertyshark.com/mason/>
10. Property Shark Property Profile for 119-125 Newton Street, Brooklyn, NY from <http://www.propertyshark.com/mason/>
11. USGS Long Island Depth to Water Viewer, from <http://ny.water.usgs.gov/maps/li-dtw/>

12.0 EXCLUSIONS & DISCLAIMER

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.

In preparing this report, **Hydro Tech Environmental, Corp.** may have relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to **HydroTech Environmental, Corp.** at the time of the subject property assessment. Although there may have been some degree of overlap in the information provided by these various sources, **Hydro Tech Environmental, Corp.** did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this subject property assessment.

Observations were made of the subject property and of structures on the subject property as indicated within the report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, **Hydro Tech Environmental, Corp.** renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to a non hazardous or hazardous materials, in that portion of the subject property or structure. In addition, **Hydro Tech Environmental, Corp.** renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floors, or ceiling of a structure on a subject property was obstructed by objects or coverings on or over these surfaces.

Hydro Tech Environmental, Corp. did not perform testing or analyses to determine the presence or concentration of asbestos at the subject property or in the environment of the subject property under the scope of the services performed.

The conclusions and recommendations contained in this report are based in part, where noted, upon the data obtained from a limited number of soil samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

Any water level reading made in test pits, borings, and/or observation wells were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

Except as noted within the text of the report, no qualitative laboratory testing was performed as part of the subject property assessment. Where such analyses have been conducted by an outside laboratory, **Hydro Tech Environmental, Corp.** has relied upon the data provided, and has not conducted an independent evaluation of the reliability of the data.

The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data have been reviewed and interpretations were made in the report. As indicated within the report, some of the data may be preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

Chemical analyses have been performed for specific constituents during the course of this subject property assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the subject property.

This report was prepared solely for the use of the Client/User and is not intended for use by third parties. Unauthorized third parties shall indemnify and hold Hydro Tech harmless against any liability for any loss arising out of, or related to, reliance by any third party on any work performed hereunder, or the contents of this report.

FIGURES

ADJACENT 3-STORY
RESIDENTIAL
AND
1-STORY COMMERCIAL

PAINT
BOOTH

ADJACENT 1-STORY
COMMERCIAL

119

125

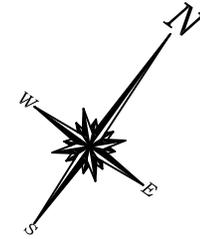
SUSPECT
VENT PIPES

SIDEWALK

NEWTON STREET

ADJACENT 8-STORY
RESIDENTIAL

ADJACENT 4-STORY
RESIDENTIAL



0' 20' 40' 60'
SCALE IN FEET (FT.)



HYDRO TECH ENVIRONMENTAL CORP.

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www.hydrotechenvironmental.com

NYC OFFICE: 15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

119 - 125 Newton Street
Brooklyn, NY
HTE Job# 130087

Drawn By: C.Q.
Reviewed By: M.R.
Approved By: M.S.
Date: 04/12/13
Scale: AS NOTED

TITLE:

FIGURE 1: SITE PLAN

APPENDIX A
PHOTOGRAPHS

















APPENDIX B
REGULATORY AGENCY DOCUMENTS

Alina Jakubowska

From: Alina Jakubowska
Sent: Wednesday, April 03, 2013 12:19 PM
To: r2foil@gw.dec.state.ny.us
Subject: 130087 - 119-125 Newton St, Brooklyn, New York FOIL
Attachments: DEC Foil.pdf

Dear Foil Officer

Attached please find Foil Request Letter for the above referenced property.

Regards

Alina K. Jakubowska
Sr. Project Coordinator
ajakubowska@hydrotechenvironmental.com

Hydro Tech Environmental, Corp.
NYC Office
15 Ocean Avenue, 2nd Floor
Brooklyn, NY 11225
Tel: (718) 636-0800 Fax: (718) 636-0900

LI Office:
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P Go Green! Please do not print this e-mail unless necessary P



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www.hydrotechenvironmental.com

April 3rd, 2013

FOIL Division
New York State DEC-Region II
Hunters Point Plaza
47-40 21st Street
Long Island City, New York 11101-5407

Re: Freedom of Information Act Request

Dear Foil Officer:

Hydro Tech Environmental, Corp. is conducting Phase I Environmental Site Assessment Research at the following locations:

Address: 119-125 Newton St
Brooklyn, NY

County: Kings
Tax Block: 2714
Map: Lot: 30 & 32

Please consider this a Freedom of Information Act request, for any information that you may have pertaining to the release of petroleum products and/or hazardous materials, or any other environmental concerns for this location.

Your assistance is appreciated. Please feel free to contact me at (718) 636-0800 with any questions.

Very Truly Yours
Hydro Tech Environmental, Corp.

Alina K. Jakubowska

Ms. Alina K. Jakubowska
cc HTE File # 130087

Alina Jakubowska

From: Foil r2foil <r2foil@gw.dec.state.ny.us>
Sent: Wednesday, April 03, 2013 2:22 PM
To: Alina Jakubowska
Cc: Foil r2foil
Subject: R2-13-983 - Ackw. letter

April 03, 2013

FOIL: R2-13-983

Alina Jakubowska/Hydro Tech Env., Corp.
718-636-0800
F 718-636-0900
ajakubowska@hydrotechenvironmental.com

Re: 119-125 Newton St in Brooklyn

Dear Ms. Jakubowska:

We are in receipt of your Foil request for the above referenced site. The identification Number(s) assigned is: R2-13-983.

If for any reason you need to contact us again please use these numbers. When the programs are done gathering the files/information, this office will contact you.

Please email your future FOILs to Region 2 directly to the following email address:
r2foil@gw.dec.state.ny.us

Please expect our response within **20 business** days from the date of this letter.

If you have any questions @ your FOIL, please call Gloria Silva/ or Cynthia Whiting/FOIL Secretary at 718-484507, or email me providing the above FOIL # at: r2foil@gw.dec.state.ny.us

Sincerely yours,

Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator

Please be advised that in your future submission of FOILs to Region 2, you should include the Spill(s), or PBS(s) number(s) to expedite your request. This will give you more information @ all records that we may have related to your FOIL(s). So that you will submit FOILs, for those that the additional information/records are needed.

NYSDEC public websites that are listed below:

Please be advised that relevant information responsive to your request may be found at the following Department of Environmental Conservation/Remediation's websites:

The Spills Database link is as follows:

<http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=1>

HWR/Environmental Remediation Website:

<http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=3>

The PBS Database link is as follows:

<http://www.dec.ny.gov/cfm/EXTAPPS/DEREXTERNAL/index.cfm?pageid=4>

Also, you can search for Permits issued by NYSDEC by using the Link:

<http://www.dec.ny.gov/cfm/EXTAPPS/ENVAPPS/>

If you need assistance on how to search the above websites, please contact me.

Please email your future FOILs to Region 2 directly to the following email address:

r2foil@gw.dec.state.ny.us

If after your search, additional information/records are needed, please include the spill #(s), or PBS #(s), Permit #(s) and exact street address of the site(s) you are requesting information for, and email your request(s) to Region 2. Please note that Region 2 policy is to submit a FOIL request for a maximum of two (2) sites/FOIL. If you didn't provide the results (i.e. spills/PBS #s) of your websites search within 10 days, your FOIL will be closed

You may resubmit your FOIL again providing the above requested information.

Thank you for your FOIL request. If you have any questions, please call Gloria Silva/FOIL Secretary at (718) 482-4507, or email me providing the above FOIL # at: r2foil@gw.dec.state.ny.us.

Sincerely yours,

Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator

Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator & FOIL Coordinator
New York State Department of Environmental Conservation
Region 2
47-40 21St Street
Long Island City, NY 11101
[Tel:\(718\) 482-4992](tel:(718)482-4992)
Fax:(718) 482-6729
r2foil@gw.dec.state.ny.us

Alina Jakubowska

From: Foil r2foil <r2foil@gw.dec.state.ny.us>
Sent: Monday, April 15, 2013 1:48 PM
To: Alina Jakubowska
Subject: R2-13-983-JakubowskaNoRecords.docx

FOIL: R2-13-983

Alina Jakubowska/Hydro Tech Env., Corp.
718-636-0800
F 718-636-0900
ajakubowska@hydrotechenvironmental.com

Re: 119-125 Newton St in Brooklyn

Dear Ms. Jakubowska:

NYSDEC/Region 2 has reviewed your request for the above referenced records under New York State's Freedom of Information Law (FOIL). Please note that most of our records are filed by number under the names of individuals or corporations. We have no way of locating or retrieving records if they are filed under names or addresses other than those you have provided.

If no records have been located, this does not necessarily mean, and should not be interpreted to mean that there have never been any violations, complaints, claims, investigations or inquiries involving those names or addresses. We cannot make any representations as to whether there are or have been any such violations, complaints, Claims, investigations or inquiries.

After a diligent search of Region 2 available files, no records could be located for the names and/or addresses you provided.

Please email your future FOILs to Region directly to the following email address: r2foil@gw.dec.state.ny.us

Thank you for your request. If additional information is needed, please call Gloria Silva/FOIL Secretary at (718) 482-4507, or email me at: r2foil@gw.dec.state.ny.us

Sincerely yours,

Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator



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NYC Office
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Brooklyn, New York 11225
T (718) 636-0800 • F (718) 636-0900

www.hydrotechenvironmental.com

Fax

To: NYCDEP Foil Officer From: Alina Jakubowska
Fax: 718 595 6543 Pages (Incl. Cover): 2
Re: Foil Request Date: April 3rd, 2013
 Urgent Will follow via mail Won't follow via mail

Dear Foil Officer,

Enclosed please find *Foil Letter Request* for the property located at 119-125 Newton St, Brooklyn, NY Bock # 2714, Lot # 30, 32.

After search please kindly forward all records to my email at ajakubowska@hydrotechenvironmental.com

Thank you

Hydro Tech Environmental, Corp.

Alina Jakubowska

Alina K. Jakubowska
Sr. Project Coordinator

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

Application for Records, Article 6 -- New York State Public Officers Law, Freedom of Information Law

Complete Part I of this form. Please refer to instruction sheet for assistance in completing this form. If responsive records are located, you will be notified and informed of the required payment. Advance payment is required in check or money order payable to the City of New York before documents will be released. Either send the complete application to the Records Access Officer at NYC DEP, Bureau of Legal Affairs, 59-17 Junction Blvd., 19th Fl., Flushing, NY 11373, or fax to (718) 595-6543. **DO NOT FAX AND MAIL.**

PART I. APPLICATION -- Check type of record(s) requested:

- | | | | |
|--|---|---|---|
| <input type="checkbox"/> Bid/ Procurement (ACCO)
<input checked="" type="checkbox"/> Asbestos (BEC)
<input checked="" type="checkbox"/> Hazardous materials emergency response (BEC)
<input type="checkbox"/> Right To Know (BEC)
<input checked="" type="checkbox"/> Air permits/complaints/inspections (BEC)
<input checked="" type="checkbox"/> Noise complaints/inspections (BEC) | <input checked="" type="checkbox"/> Notices of Violation and decisions (ECB)
<input checked="" type="checkbox"/> Environmental Review/SEQRA (OEPA)
<input checked="" type="checkbox"/> Industrial Pretreatment/ sewer discharge violations (BWT)
<input type="checkbox"/> Water main/line repair/construction (BWSO) | <input type="checkbox"/> Sewer main/line repair/construction (BWSO)
<input type="checkbox"/> Water Quality (BWS/WQ)
<input type="checkbox"/> Watershed/ reservoir operations (BWS)
<input type="checkbox"/> Watershed area incident reports (DEP PD) | <input type="checkbox"/> Water bill accounts/ metering (BCS)
<input type="checkbox"/> Personnel records (HRM)
<input checked="" type="checkbox"/> Wastewater Treatment Plant operations (BWT) |
|--|---|---|---|

I hereby apply to inspect or receive copies of the following records (use additional sheets as needed and attach):

Location: 119-125 NEWTON ST Block # 2714
 Time frame/date of records: BROOKLYN, NY 11222 Lot # 309 32
 Name: AIMO JAKUBONSKA Phone: 718 636 0800 E-Mail: AJAKUBONSKA@HYDRO.
 Firm: HYDRO TECH ENVIRONMENTAL CORP.
 Address: 15 OCEAN AVENUE City BROOKLYN State NY Zip Code 11225
 Signature: [Signature] Date: 4-3-13

PART II. DISPOSITION OF REQUEST (TO BE COMPLETED BY THE DEPARTMENT)

- APPROVED** **APPROVED IN PART** -- To arrange for access to the records, please contact:
- | | | |
|-----------------------------|-------------------------------|-------------|
| (Department Representative) | (Bureau) | (Phone No.) |
| Number of Pages: _____ | x\$.25 per page = Cost: _____ | |
- DENIED** **DENIED IN PART** -- for reason(s) checked: References are to Sec. 87 of the Public Officers Law.
- | | |
|--|---|
| <input type="checkbox"/> Exempt: State/Fed. Statute (2(a)) | <input type="checkbox"/> Exempt: Law Enforcement (2(e)) |
| <input type="checkbox"/> Invasion of personal privacy (2(b)) | <input type="checkbox"/> Inter/Intra-agency material (2(g)) |
| <input type="checkbox"/> Competitive position injury (2(d)) | <input type="checkbox"/> (Other) _____ |

Brief Description of records not subject to disclosure _____

A denial, in whole or in part, may be appealed within 30 days by writing to the NYCDEP FOIL Appeals Officer, 59-17 Junction Blvd., 19th Fl., Flushing, NY 11373

- UNAVAILABLE** -- for reason(s) checked:
- | | |
|--|-----------------------------------|
| Not described in sufficient detail | Not maintained by this Department |
| After search, no records responsive to request located | |
| (Other) _____ | |

LOG NO.: _____

(Department Representative) _____ (Bureau) _____ (Date) _____

Alina Jakubowska

From: Alina Jakubowska
Sent: Wednesday, April 03, 2013 12:23 PM
To: DOH (recordsaccess@health.nyc.gov)
Subject: 130087 - 119-125 Newton St, Brooklyn, NY FOIL
Attachments: DOH Foil.pdf

Dear Foil Officer

Attached please find Foil Request Letter for the above referenced property.

Regards

Alina K. Jakubowska
Sr. Project Coordinator
ajakubowska@hydrotechenvironmental.com

Hydro Tech Environmental, Corp.
NYC Office
15 Ocean Avenue, 2nd Floor
Brooklyn, NY 11225
Tel: (718) 636-0800 Fax: (718) 636-0900

LI Office:
77 Arkay Drive, Suite G
Hauppauge, NY 11788
Tel: (631) 462-5866 Fax: (631) 462-5877

This email may contain privileged and/or confidential information that is intended solely for the use of the addressee. If you are not the intended recipient or entity, you are strictly prohibited from disclosing, copying, distributing or using any of the information contained in the transmission. If you received this communication in error, please contact the sender immediately and destroy the material in its entirety, whether electronic or hard copy. This communication may contain nonpublic personal information about consumers subject to the restrictions of the Gramm-Leach-Bliley Act and the Sarbanes-Oxley Act. You may not directly or indirectly reuse or disclose such information for any purpose other than to provide the services for which you are receiving the information.

There are risks associated with the use of electronic transmission. The sender of this information does not control the method of transmittal or service providers and assumes no duty or obligation for the security, receipt, or third party interception of this transmission

P Go Green! Please do not print this e-mail unless necessary P



Hydro Tech Environmental, Corp.

Main Office
77 Arkay Drive, Suite G
Hauppauge, New York 11788
T (631) 462-5866 • F (631) 462-5877

NYC Office
15 Ocean Ave, 2nd Floor
Brooklyn, New York 11225
T (718) 636-0800 • F (718) 636-0900

www.hydrotechenvironmental.com

April 3rd, 2013

Ms. Rena Bryant
NYC Department of Health
125 Worth Street - Room- 601 - Box 31
New York, NY 10013

RE: Freedom of Information Act Request

Dear Ms. Bryant:

Hydro Tech Environmental, Corp. is conducting a Phase I Environmental Site Assessment research at the following locations:

Address: 119-125 Newton St
Brooklyn, NY

County: Kings

Tax Block: 2714

Map: Lot: 30 & 32

Please consider this a Freedom of Information Act request, for any information that you may have pertaining to the release of petroleum products and/or hazardous materials, or any other environmental concerns for this location.

Your assistance is appreciated. Please feel free to contact me at (718) 636-0800 with any questions.

Very Truly Yours
Hydro Tech Environmental, Corp.

Alina K. Jakubowska

Ms. Alina Jakubowska
cc HTE File # 130087

Alina Jakubowska

From: recordsaccess <recordsaccess@health.nyc.gov>
Sent: Thursday, April 04, 2013 12:45 PM
To: Alina Jakubowska
Subject: 130087 - 119-125 Newton St, Brooklyn, NY FOIL_2013FR01002

*Hydro Tech Environmental, Corp.
77 Arkay Drive, Suite G
Hauppauge, NY 11788
Attention: Alina Jakubowska*

Re: *119-125 Newton St, Brooklyn, NY/Non-identifying environmental records*
Control #: *2013FR01002*

The New York City Department of Health and Mental Hygiene acknowledges receipt of your Freedom of Information Law request. It has been assigned the above-noted control number and has been forwarded to the following bureau or office for processing:

Bureau / Office

Environmental Health Services
Natisha Smith or Shirley Wiley
(212) 788-4705

You should receive a response from the program/bureau within twenty(20) business days. Please note that there is a fee of 25 cents per page for copies of records. You will be advised by the program/bureau of the fee that is due and, upon receipt of your payment by check or money order, the copies will be forwarded to you.

All inquiries about the status of your request should be made with the program/bureau noted.

Sincerely,

FOIL Administration
recordsaccess@health.nyc.gov

From: Alina Jakubowska [AJakubowska@hydrotechenvironmental.com]
Sent: Wednesday, April 03, 2013 12:23 PM
To: recordsaccess
Subject: 130087 - 119-125 Newton St, Brooklyn, NY FOIL

Dear Foil Officer

Attached please find Foil Request Letter for the above referenced property.

Regards

Alina K. Jakubowska
Sr. Project Coordinator
ajakubowska@hydrotechenvironmental.com

Hydro Tech Environmental, Corp.
NYC Office

15 Ocean Avenue, 2nd Floor
Brooklyn, NY 11225
Tel: (718) 636-0800 Fax: (718) 636-0900

LI Office:

77 Arkay Drive, Suite G
Hauppauge, NY 11788
Tel: (631) 462-5866 Fax: (631) 462-5877

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NEW YORK CITY DEPARTMENT OF
HEALTH AND MENTAL HYGIENE
Thomas Farley, MD, MPH
Commissioner

Environmental Health
Services
Pest Control Services
12-26 31st Avenue
Astoria, NY 11106

1 718 956-7102 tel
1 718 932-4576 fax

April 8, 2013

119-125 NEWTON STREET.
BLOCK# 2714 LOT# 30 & 32
CONTROL NUMBER# 2013FR001002

Dear Sir / Madame this letter is in response to your request for all Pest Control records pertaining to the above mentioned address. There are currently no record on file.

If you need any further assistance, feel free to contact me at the above listed number.

Sincerely,

A handwritten signature in blue ink that reads 'Carole Lourick'.

Carole Lourick
Pest Control Services



NEW YORK CITY DEPARTMENT OF
HEALTH AND MENTAL HYGIENE

Thomas Farley, MD, MPH

Commissioner

Christopher Boyd
Assistant Commissioner
Bureau of Environmental
Sciences and Engineering

42-09 28th Street
14th Floor, CN-60
LIC, NY 11101

347-976-6132 (tel.)
347-396-6089 (fax)

April 17, 2013

Hydro Tech Environmental, Corp.
77 Arkay Drive, Suite G
Hauppauge, New York 11788

RE: Control #'s: 2013FR00899/00917/01002

Ms. Ms. Alina K. Jakubowska,

In response to your recent request for the record(s) concerning the address
Listed below:

Your File#130087
119-125 Newton St
Brooklyn, NY
Block: 2714, Lot: 30&32

Please be advised that based upon a thorough review of the files available to
the Office of Radiological Health, our records revealed there are no record(s)
located in our files pertaining to your request.

Sincerely,

A handwritten signature in black ink that reads "Gene Mishkin". The signature is written in a cursive, flowing style.

Director, Office of Radiological Health



FIRE DEPARTMENT – CITY OF NEW YORK
Public Records Unit / Tanks Section
 9 MetroTech Center
 Brooklyn, New York 11201-3857
 (718) 999-2441 or 2442



**Fuel Tank Special Report
 Request Form**

SECTION A

CUSTOMER INFORMATION

Please print the required information below.

Name Hydro Tech Environmental
77 Arkay Drive, Suite G, Hempstead
 Address NY 11788
 State 631-462-5866 Zip Code
 Telephone Number

OFFICE USE ONLY

Cashier / Search No. _____

PRU Staff

Accepted By/Initials: _____

Searched By: _____

Total Amount: _____

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order made payable to the **NYC Fire Department** and a stamped self-addressed envelope (with postage). Mail checks or money orders directly to the address and unit listed above. **DO NOT MAIL CASH.**

SECTION B

FUEL TANK REPORT - FEE \$10.00 / PER REPORT

19-125 Newton Street Brooklyn
 House Number Street Name Borough

- THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS
- THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS
- THE TOTAL AMOUNT AND SIZE OF EXISTING BURIED MOTOR VEHICLE TANKS
- THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED BURIED MOTOR VEHICLE TANKS
- MOST RECENT TANK / PIPING TEST RESULTS
- HISTORY OF BURIED TANKS LEAKS

Note: Requests will be responded to within 10 business days.

PR3 (July-08)



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NYC Department of Buildings
Property Profile Overview

119 NEWTON STREET
 NEWTON STREET 119 - 119

BROOKLYN 11222
 Health Area : 200
 Census Tract : 499
 Community Board : 301
 Buildings on Lot : 1

BIN# 3067806
 Tax Block : 2714
 Tax Lot : 32
 Condo : NO
 Vacant : NO

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[View Certificates of Occupancy](#)

Cross Street(s): MANHATTAN AVENUE, GRAHAM AVENUE
DOB Special Place Name:
DOB Building Remarks:
Landmark Status: **Special Status:** N/A
Local Law: NO **Loft Law:** NO
SRO Restricted: NO **TA Restricted:** NO
UB Restricted: NO
Little 'E' Restricted: HAZMAT **Grandfathered Sign:** NO
Legal Adult Use: NO **City Owned:** NO
Additional BINs for Building: NONE
Additional Designation(s): GW - GREENPOINT-WILLIAMSBURG ANTI-HARASSMENT

Special District: MX-8 - MIXED USE-8 (GREENPOINT-WILLIAMSBURG, BK)

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. [Click here for more information](#)

Department of Finance Building Classification: F9-FACORY/INDSTRAL

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	
Complaints	0	0	Elevator Records
Violations-DOB	0	0	Electrical Applications
Violations-ECB (DOB)	0	0	Permits In-Process / Issued
Jobs/Filings	0		Illuminated Signs Annual Permits
ARA / LAA Jobs	0		Plumbing Inspections
Total Jobs	0		Open Plumbing Jobs / Work Types
Total Actions	0		Facades
			Marquee Annual Permits
			Boiler Records
OR Enter Action Type:			DEP Boiler Information
OR Select from List:			Crane Information
Select...			After Hours Variance Permits

AND Show Actions

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



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NYC Department of Buildings
Property Profile Overview

ALSO SEE OTHER BIN(S) BELOW

125 NEWTON STREET
NEWTON STREET

125 - 125

BROOKLYN 11222

Health Area : 200
Census Tract : 499
Community Board : 301
Buildings on Lot : 1

BIN# 3067805

Tax Block : 2714
Tax Lot : 30
Condo : NO
Vacant : NO

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[View Certificates of Occupancy](#)

Cross Street(s): MANHATTAN AVENUE, GRAHAM AVENUE
 DOB Special Place Name:
 DOB Building Remarks:
 Landmark Status: **Special Status:** N/A
 Local Law: NO **Loft Law:** NO
 SRO Restricted: NO **TA Restricted:** NO
 UB Restricted: NO
 Little 'E' Restricted: HAZMAT **Grandfathered Sign:** NO
 Legal Adult Use: NO **City Owned:** NO
 Additional BINs for Building: [3823001](#)
 Additional Designation(s): GW - GREENPOINT-WILLIAMSBURG ANTI-HARASSMENT

Special District: MX-8 - MIXED USE-8 (GREENPOINT-WILLIAMSBURG, BK)

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. [Click here for more information](#)

Department of Finance Building Classification: F9-FACORY/INDUSTRIAL

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	
Complaints	0	0	Elevator Records
Violations-DOB	0	0	Electrical Applications
Violations-ECB (DOB)	0	0	Permits In-Process / Issued
Jobs/Filings	0		Illuminated Signs Annual Permits
ARA / LAA Jobs	0		Plumbing Inspections
Total Jobs	0		Open Plumbing Jobs / Work Types
Actions	3		Facades
OR Enter Action Type: <input type="text"/>			Marquee Annual Permits
OR Select from List:			Boiler Records
Select...			DEP Boiler Information
AND <input type="button" value="Show Actions"/>			Crane Information
			After Hours Variance Permits

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



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**NYC Department of Buildings
Property Profile Overview**

121 NEWTON STREET
NEWTON STREET 121 - 125

BROOKLYN 11222
Health Area : 200
Census Tract : 499
Community Board : 301

BIN# 3823001
Tax Block : 2714
Tax Lot : 32

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[View Certificates of Occupancy](#)

Cross Street(s): MANHATTAN AVENUE, GRAHAM AVENUE
 DOB Special Place Name:
 DOB Building Remarks:
 Landmark Status: **Special Status:** N/A
 Local Law: NO **Loft Law:** NO
 SRO Restricted: NO **TA Restricted:** NO
 UB Restricted: NO
 Little 'E' Restricted: HAZMAT **Grandfathered Sign:** NO
 Legal Adult Use: NO **City Owned:** NO
 Additional BINs for Building: [3067805](#)
 Additional Designation(s): GW - GREENPOINT-WILLIAMSBURG ANTI-HARASSMENT

Special District: MX-8 - MIXED USE-8 (GREENPOINT-WILLIAMSBURG, BK)

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. [Click here for more information](#)

Department of Finance Building Classification: F9-FACORY/INDSTRAL

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	Elevator Records
Complaints	4	0	Electrical Applications
Violations-DOB	0	0	Permits In-Process / Issued
Violations-ECB (DOB)	1	0	Illuminated Signs Annual Permits
Jobs/Filings	2		Plumbing Inspections
ARA / LAA Jobs	1		Open Plumbing Jobs / Work Types
Total Jobs	3		Facades
Actions	10		Marquee Annual Permits
			Boiler Records
OR Enter Action Type:			DEP Boiler Information
OR Select from List:			Crane Information
Select...			After Hours Variance Permits
AND Show Actions			

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



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NYC Department of Buildings

DOB Violations

Page: 1

Premises: 125 NEWTON STREET BROOKLYN

BIN: [3067805](#) Block: 2714 Lot: 30

NUMBER	TYPE	FILE DATE
ALT 1131-55	ALTERATION	03/24/1955
ALT 2712-65	ALTERATION	12/28/1965
CERT ISSUED194851 ALT.2712/65	(PDF) CERTIFICATE OF OCCUPANCY	06/06/1966

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



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NYC Department of Buildings

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NYC Department of Buildings

Complaints By Address

Click [here](#) for information on how to remove a Stop Work Order from your property

Page: 1 of 1

4 Total Complaints

[View SWO Complaints](#) BIN: **3823001**

Looking for a list of complaint [category codes](#) or [disposition codes](#)?
(Adobe Acrobat Reader required)

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
3311987	123 NEWTON STREET	07/15/2009	74	07/23/2009	I2	RES
3272870	123 NEWTON STREET	07/17/2008	30	07/17/2008	A9	RES
3272709	123 NEWTON STREET	07/16/2008	05	07/17/2008	H1	RES
3245089	123 NEWTON STREET	11/14/2007	05	01/15/2008	I2	RES

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NYC Department of Buildings
ECB Query By Location

Page: 1 of 1

Premises: 121 NEWTON STREET BROOKLYN

BIN: [3823001](#) Block: 2714 Lot: 32 CB: 301

Dept. of Buildings Violations & Compliance	
Total Issued = 1	Open (Non-Compliance) = 0

ECB Hearings	
Completed / Defaulted = 1	Pending = 0

ECB Number	Dept. of Buildings Violation Status	Respondent	ECB Hearing Status	Viol Date	Infraction Codes	ECB Penalty Due
34688090M	RESOLVED - CURE ACCEPTED Severity: CLASS - 2	SPIEZIO REALTY CORP Inspect Unit: BROOKLYN CONSTRUCTION	CURED/IN-VIO	07/17/2008	201	\$0.00

Compliance Status (Open/Resolved) relates to whether a violation has been corrected/uncorrected. Dismissed violations do not require filing a Certificate of Correction.

ECB Hearing Status and the **ECB Penalty Due** are separate from **Compliance Status** (i.e. a penalty is still due in many cases even when the violating condition has been fixed).

Severity Class	
Class 1 - Immediately Hazardous	HAZ - Hazardous - 1968 Building Code
Class 2 - Major	NON-HAZ - Non-hazardous - 1968 Building Code
Class 3 - Lesser	

Violation Status Descriptions	ECB Hearing Status
OPEN - No Compliance Recorded	CURED/IN-VIO - In Violation/no hearing required
OPEN - Certificate Pending (Certificate of Correction submitted and under review)	STIPULATION/IN-VIO - No hearing required/in violation
OPEN - Certificate Disapproved (Certificate of Correction disapproved/not in compliance)	IN VIOLATION - Hearing decision completed
RESOLVED - N/A-Dismissed (at ECB - no Certificate of Correction required)	DISMISSED - Hearing decision completed
RESOLVED - Certificate Accepted (Certification of Correction Accepted/in compliance)	DEFAULT - Respondent failed to appear at hearing
RESOLVED - Cure Accepted (early correction accepted - in violation/no penalty or hearing)	PUBLICLY-OWNED - No hearing required
RESOLVED - Compliance Insp/Doc (condition verified by Inspector or by Dept. documentation)	PENDING - Awaiting ECB hearing or decision
	ADMIT/IN-VIO - In Violation/no hearing required
	WRITTEN OFF - Imposed penalty legally uncollectable

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NYC Department of Buildings
Job Overview

Page: 1 of 1

Premises: 121 NEWTON STREET BROOKLYN

BIN: [3823001](#) Block: 2714 Lot: 32

To start overview at new date, select Month: Day: Year:

Show All BIS Job Types

Show All Filings

APPLY

FILE DATE	JOB #	DOC #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT	IN AUDIT	ZONING APPROVAL
08/28/1991	300121400	01	A2	Q PERMIT-PARTIAL	10/01/1991	0036068 PE	WALD		NOT APPLICABLE
INSTALLATION OF PAINT SPRAY BOOTH 1ST. FLOOR. Work on Floor(s): 1ST									
04/24/2000	301019476	01	A2	Q PERMIT-PARTIAL	11/30/2000	0036068 PE	WALD		NOT APPLICABLE
INSTALLATION OF PAINT SPRAY BOOTH INSTALL 2 SPRINKLER HEADS IN Work on Floor(s): 1									

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



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NYC Department of Buildings
Job Overview
 ARA / LAA Job Overview

Page: 1 of 1

Premises: 121 NEWTON STREET BROOKLYN

BIN: [3823001](#) Block: 2714 Lot: 32

To start overview at new date, select Month: Day: Year: APPLY

FILE DATE	JOB #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT
11/19/1992	300261641	PR	I LAA SIGNED OFF	12/15/1992	MP 000289	SCHULTZ
INSTALLING TWO 200,000 BTU'S UNIT HEATERS, MEA 5-70-E. INSTALLING ONE 125, Work on Floor(s): 1						

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



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NYC Department of Buildings
DOB Violations

Page: 1

Premises: 121 NEWTON STREET BROOKLYN

BIN: [3823001](#) Block: 2714 Lot: 32

NUMBER	TYPE	FILE DATE
ALT 2712-65	ALTERATION	00/00/0000
ALT 285-65	ALTERATION	00/00/1965
ALT 935-75 CBL 6/78	ALTERATION	00/00/1965
BN 114-76	ALTERATION	00/00/1975
BN 114-76	BUILDING NOTICE	00/00/1976
CERT ISSUED193059 ALT.285/65	(PDF) CERTIFICATE OF OCCUPANCY	00/00/1965
DOC 25412-65	DOCKET	00/00/1965
MISC 5703-41	MISCELLANEOUS	00/00/1941
MISC 974-64	MISCELLANEOUS	00/00/1965
PRS 4486-55	PLUMBING REPAIR SLIP	00/00/1955
VEC* 071708C01RG03	ECB VIOLATION DISMISSED	07/17/2008

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



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NYC Department of Buildings

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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.

DEPARTMENT OF BUILDINGS

ck **BOROUGH OF Brooklyn**, **THE CITY OF NEW YORK**

Date **JUN 1966** No. **194851**
CERTIFICATE OF OCCUPANCY

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

This certificate supersedes C. O. No.

THIS CERTIFIES that the ~~new~~ altered ~~existing~~ building—premises located at
121/125 Newton Street Block **2714** Lot **30**

That the zoning lot and premises above referred to are situated, bounded and described as follows:

BEGINNING at a point on the **north** side of **Newton Street**
distant **130** feet **west** from the corner formed by the intersection of
Graham Avenue and **Newton Street**
running thence **north 117° 8 1/2"** feet; thence **west 6° 1"** feet;
thence **southwest 57° 0 1/2"** feet; thence **south 82° 3 1/2"** feet;
running thence **east 50** feet; thence _____ feet;

to the point or place of beginning, conforms substantially to the approved plans and specifications, and to the requirements of the Building Code, the Zoning Resolution and all other laws and ordinances, and of the rules of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646e of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

Alt. No. **Alt. 2712-1965** Construction classification—**class 3**
Occupancy classification— **See occupancy below**. Height **1** stories, **22** feet.
Date of completion— **const. 5-24-66**. Located in **M 1 - 1** Zoning District.
at time of issuance of permit. **plumb. 5-23-66**

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals:
and The City Planning Commission: } (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

Off-Street Parking Spaces _____
Off-Street Loading Berths _____

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED	USE
Cellar	on ground	-	boiler room
First	ground	6	cool, die, pattern making establishment machine shop -(Use Group 16-A) store and use acetylene torch
TOTAL:- AS STATED ABOVE			



Property Report for:
119 Newton St, Brooklyn, NY 11222

1 Your Notes

No notes found.

2 Photos

To remove watermark from picture subscribe to our Photos service.
Call us today at 718-715-1758 to upgrade your subscription.



[Upload photos for this property](#)



Uploaded in January, 2012 by Christopher Bride

Other Photos: [Google StreetView](#) • [Microsoft Bird's Eye View](#)

3 Overview

Location

Primary Address	119 Newton St
Zip	11222
Borough	Brooklyn
Block & lot	02714-0032
First 3 alt addresses	119 Newton St

Neighborhood

School district	14
Community board	1
Neighborhood	Greenpoint
City council	33
Census tract	0499.00

Nearest

Police precinct	94
Police station	763-765 Manhattan Ave
Distance to	0.51 Miles
Fire station	71-75 Richardson St
Distance to	0.15 Miles

Property Tax Assessment

Actual land	\$29,700
Assessment	\$48,600
Tax class	4
Annual tax bill	\$4,111.56
Annual tax bill projected	\$4,538.04

Property Maps

Zoning map	13a
Tax map	30905
Sanborn map	304 029
Link to tax map	Click here

Most Recent Sale

Sale date	5/25/1990
Sale price	\$0

Square Feet

Building SF	1,650
Factory SF	1,650
Lot SF	1,656

Ratio of Building SF to Lot SF (FAR)

Max allowed FAR	3
FAR as built	1
Maximum usable floor area	4,968
Usable floor area	1,656

Building

Building dimensions	25 ft x 66 ft
Stories	1
Residential units	n/a
Commercial units	1
Has extension	No
Has garage	No
Year built	1940
Year last altered	n/a

Lot

Lot dimensions	25 ft x 66.25 ft
Corner lot	No
Buildings on lot	1

Zoning, Use & C-of-O

Zoning district	M1-2/R6A/MX-8
Building class	Factory - Miscellaneous (F9)
E-Designation	E-138
Historic district	None
Landmark	None

Hazards & Environment

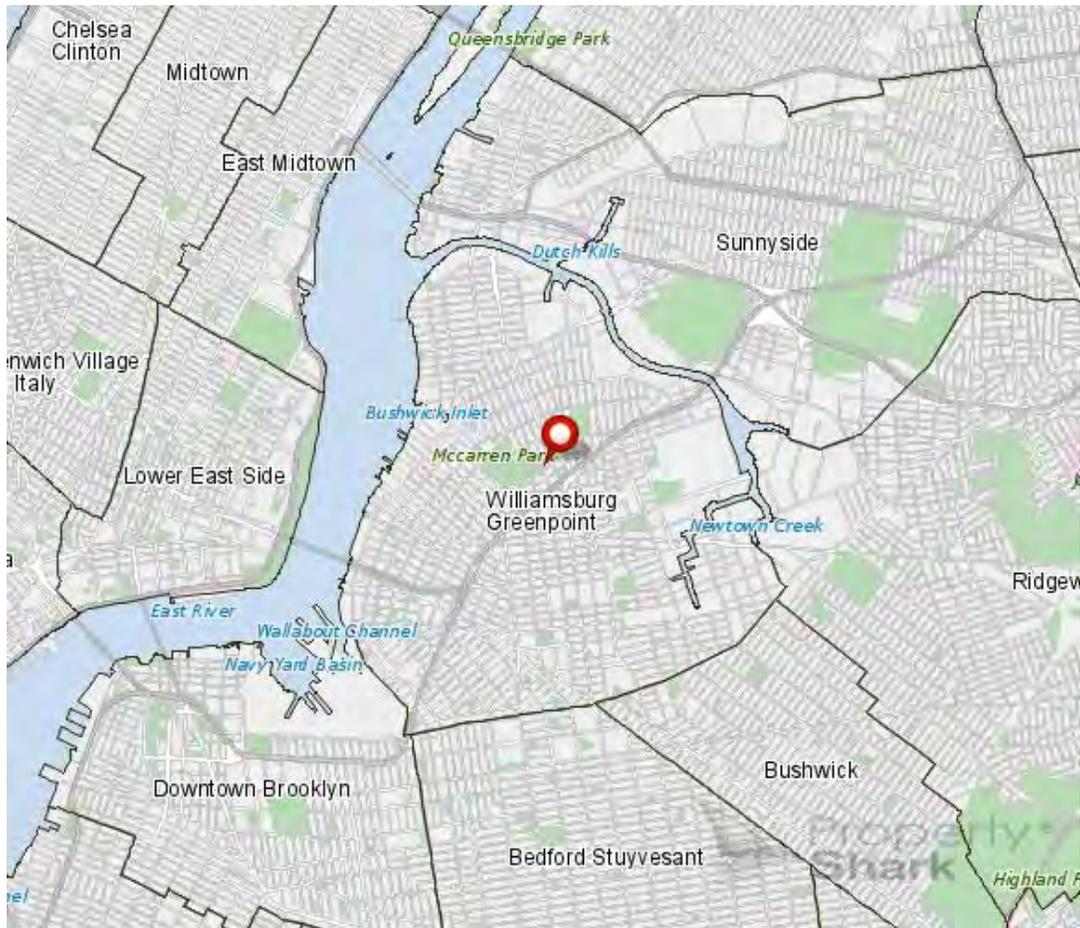
Toxic site on this property	Yes
Neighboring toxic sites	2

Current Owner

Full name	Spiezio Realty Corp
Address	31 Otis St
City state zip	West Babylon Suffolk NY 11704

4 Maps





5 Sale & Property History

No records found.

1 Ownership Summary

Recent Title Document	City Of New York City Hall New York NY 10007 Research this person	Notice Address	Spiezio Realty Corp 31 Otis St West Babylon NY 11704-1405 12/4/2012 Research this person
Assessment Roll	Spiezio Realty Corp 119 Newton Street 11222 1/15/2013 Research this person		

See more about [119 Newton St's](#) ownership.

The Department of State - Division of Corporations - allows you to search for [LLC owners](#).

2 Ownership from Permits

Building permit phone numbers tend to be very reliable. Just be sure to check the title history to make sure that the person on the permit still owns the building!

Archived permits

Submission Date	Owner	Description	Permit
4/24/2000	Adam Rzeplinski Adam's Furniture Pres. 123-125 Newton St. Bklyn, NY 11222 (718) 218-9055	Installation of paint spray booth install 2 sprinkler heads in spray booth connected to domestic side k of house supply. no change in egress or occupancy involve d with this application	

3 Phone Records - Tenants

[Download in Excel format](#)

No phone listings were found.

4 Registered Voters

Full Name	Apartment Number	Political Party	Registration Date	Last Year Voted	Phone Number
-----------	------------------	-----------------	-------------------	-----------------	--------------

[See more about 119 Newton St's ownership.](#)

The Department of State - Division of Corporations - allows you to search for [LLC owners](#).

1 Liens

Liens are available only to customers subscribed to our lis pendens product.

For details see our [plan & pricing](#)

2 Title Documents

Date	Type	Amount	Party1	Party2	Link To Doc
2/4/1991 (Recorded)	Vacate Order	n/a	City Of New York	Vacate Order	
1/24/1991 (Recorded)	Vacate Order	n/a	City Of New York	Vacate Order	

Date	Type	Amount	Party1	Party2	Link To Doc
8/21/1990 (Recorded)	Satisfaction Of Mortgage	n/a	Spiezio Realty Corp	Losito, Angela Maria Losito, Vincenzo Tedone, Mary F Tedone, Natale J	i
5/25/1990 (DocDate) 5/30/1990 (Recorded)	Deed	n/a	Commissioner Of Finance Municipal Bldg NY NY 00000	City Of New York City Hall NY NY 00000	i
4/8/1975 (Recorded)	Deed	n/a	Losito Vincenzo	Spiezio Realty Corp	i
4/8/1975 (Recorded)	Mortgage	n/a	Spiezio Realty Corp	Losito Vincenzo	i
10/27/1966 (Recorded)	Deed	n/a	Losito Vincenzo	Losito Vincenzo	i

1 Valuation Model

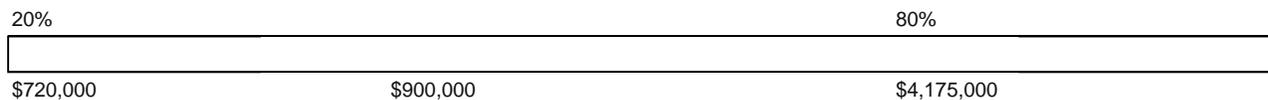
Our database has 11 properties that meet the following criteria:

[Browse more recently sold properties](#)
in the neighborhood!

- Sold within the last 6 months
- In the 11222 zip code
- Property classes similar to Factory - Miscellaneous
- Sale price over \$25,000

Price

The median price of these properties is \$900,000 (half of these properties sold for higher prices, half sold for lower prices). 20% of the properties sold for \$720,000 or less, and 20% sold for \$4,175,000 or more.



Subscribe and Get More!

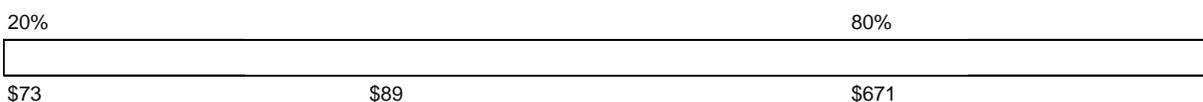
If you subscribe to Comparables you'll get to see:

- The entire list of properties
- Sale date & price, square footage, and price per square foot for each property
- Our quick-and-dirty value calculation

[Click here](#) to learn more and subscribe.

Price per Square Foot

The median price per square foot of these properties is \$89 (half of these properties sold for higher prices, half sold for lower prices). 20% of the properties sold for \$73 or less, and 20% sold for \$671 or more.

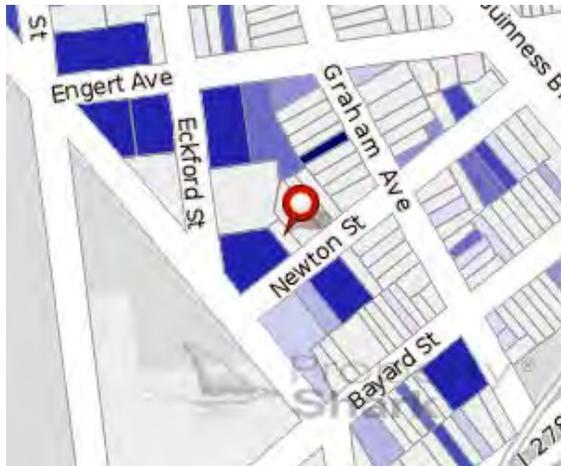


At the median price per square foot of \$89, this property (1,650 square feet) would be \$148,203.

Here is a sample of the 11 properties following the criteria defined above:

Address	Sale Price	Sale Date	\$ per Sq. Ft.	Total Sq. Ft.
133 Sutton St	\$3,300,000	2/8/2013	\$73	44,683
498 Kingsland Ave	\$1,378,540	3/6/2013	\$34	40,305
25-55 Paidge Ave	\$27,408,375	2/26/2013	\$671	40,846
470 Manhattan Ave	\$900,000	7/3/2012	\$89	10,020
323 Nassau Ave	\$405,000	7/3/2012	\$90	4,500
146 Bayard St	\$750,000	7/3/2012	\$85	8,800
333-335 Nassau Ave	\$400,000	7/3/2012	\$80	5,000
245-251 Freeman St	\$720,000	7/3/2012	\$72	10,000
217-227 Russell St	\$4,175,000	7/26/2012	\$281	14,850

2 Sales & Values Maps



* Recent Sale Date: n/a

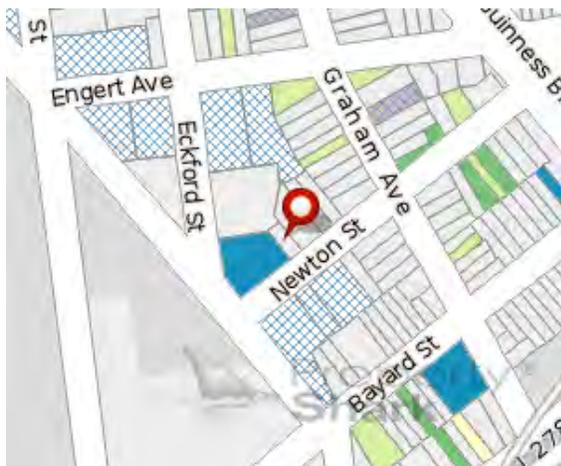
The map shows sales of neighboring properties. Find out how recent the property has been sold. For Condos and Coops the value is not reflective.

Legend



Sale Date

Time Since Last Recorded Sale n/a



* Price per SqFt: \$0

On this color-coded map, view the price paid per square foot for the last sale of the property. For Condos and Coops the value is not reflective.

Legend



Sale Price \$0

Lot Square Foot 1,656 SqFt

Price per SqFt \$0

1 Property Tax

The following values are from the latest assessment roll and give information about the fiscal years **2012/2013** and **2013/2014**. The City's fiscal year runs from July 1 to June 30.

Market Value

The property tax assessment process starts when the city's assessors estimate a property's market value, based upon the available information. The assessors use three approaches to value the property: sales, cost, and income. The *market value* is generally defined as what the property would sell for in a competitive and open market.

		2012/2013		2013/2014
Land market value		\$66,000		\$66,000
Building market value	+	\$42,000	+	\$48,410
Market value	=	\$108,000	=	\$114,410

Assessed Value

Assessed value is a calculation of the property value for tax purposes. It usually represents a percentage of the market value and is subject to limits on annual increases. Sometimes the city will exempt part of the assessed value from taxation, as an incentive to make improvements to an existing structure or to build on a vacant lot. There are also several [tax reductions programs](#) for residential properties that may apply and may lower the property's tax bill.

		2012/2013		2013/2014
Land assessed value		\$29,700		\$29,700
Building assessed value	+	\$18,900	+	\$21,785
Assessed value	=	\$48,600	=	\$51,485
Exemptions granted by city	-	\$0	-	\$0
Net assessed value	=	\$48,600	=	\$51,485

Transitional Value

While the city's assessors have noted the rapid appreciation of property in New York City, the state understands that it would be burdensome for property taxes to rise too fast. Therefore, increases in the *assessed value* are phased in over a number of years. This introduces the *transitional assessed value*, which is a limit on the portion of the assessed value introduced into the tax base. When the *assessed value* is phased in, sometimes the *exemptions* are as well.

		2012/2013		2013/2014
Transitional land value		\$21,510		\$25,560
Transitional building value	+	\$18,990	+	\$18,550
Transitional value	=	\$40,500	=	\$44,110
Transitional exemption value	-	\$0	-	\$0
Transitional net value	=	\$40,500	=	\$44,110

Taxable Value

The *taxable value*, for 2012/2013, is the smaller of the city's *net assessed value* and the *transitional net assessed value*.

Taxable value	=	\$40,500
---------------	---	----------

Property Tax

Base tax is an estimate of what an owner **not** benefiting from tax exemptions would pay and is determined by multiplying the assessed value by the [tax rate](#). *Current tax* is calculated by multiplying the taxable value by the tax rate.

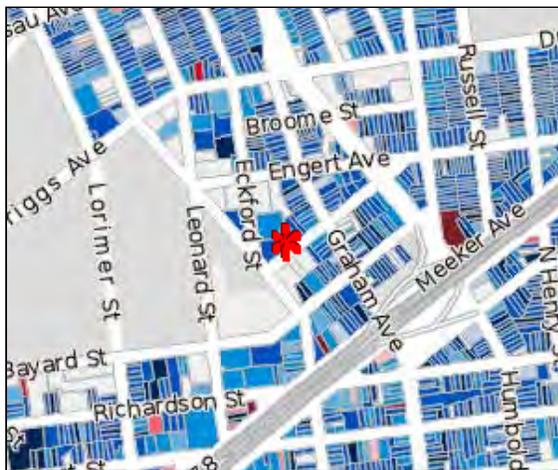
For a very small number of properties owner-related exemptions (for which we currently don't have information) apply, and so the values given below may be slightly different from the official ones. In addition to exemptions, the city also grants *tax abatements* to some properties. An *abatement* is simply a discount which is subtracted directly from the current tax. This results in the *property tax*, the amount the current owner pays.

Tax description	Assessed/taxable value 12/13	Tax rate 12/13	Tax amount 12/13
Base tax	\$40,500	* 10.1520%	= \$4,111.00
Current tax	\$40,500	* 10.1520%	= \$4,111.00
Total abatements			- \$0.00
Property tax			= \$4,111.56

Tax description	Assessed/taxable value 13/14	Tax rate 13/14	Tax amount 13/14
Base tax	\$44,110	* 10.2880%	= \$4,538.04
Current tax	\$44,110	* 10.2880%	= \$4,538.04
Total abatements			- \$0.00
Property tax			= \$4,538.04

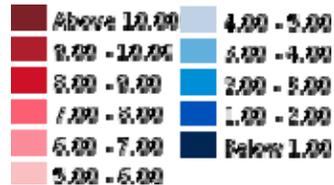
For more information please visit New York City's [property tax section](#). Also, you can view this property's assessment, tax bill and account statements [here](#).

Tax per Square Foot



Click on the map to expand!

On this map, you can see the tax value paid per square foot for this property.



2 Exemptions and Tax Abatements

Both the City and State of New York offer property tax reductions through exemptions and abatements for residential property, commercial constructions, and properties used by governmental, industrial, and not-for-profit organizations. Exemptions provide tax relief by reducing a property's assessed value, and abatements reduce taxes by applying credits to the amount of tax due. The information in this section presents a summary of the granted amounts and other related values of the benefit programs. This data comes from NYC Department of Housing Preservation and Development (HPD) and the Department of Finance, departments which administer the [J-51 Program](#) and the [421a Program](#).

Unfortunately, we have no information about whether any exemptions or abatements currently apply to this property.

3 Tentative Values

Every year in January, the NYC Department of Finance Commissioner publishes the tentative property assessment roll for the current fiscal year. All properties are valued by law according to their condition on the taxable status date of January 5th. Owners who believe that the Department of Finance has used incorrect information to determine their market value may [file forms](#) providing corrections. After Finance verifies the complaints, the agency will make any corrections before the final assessment roll is published on May 25. The final roll will also include changes, based on the decisions made by the New York City Tax Commission, an independent City agency, as well as new information Finance gathers about abatements, exemptions and other adjustments. In June, Finance will use the final roll and new tax rates adopted by the City Council to generate property tax bills for the fiscal year beginning July 1st.

Tentative Transitional Values

Tentative transitional land	\$25,560
Tentative transitional total	\$44,110
Tentative exempt land	\$0
Tentative exempt total	\$0

Tentative Actual Values

Tentative actual land	\$29,700
Tentative actual total	\$51,485
Tentative actual exempt land	\$0
Tentative actual exempt total	\$0

4 Assessment History

Year	Use code	Market value	Land asmt	Assessment	Taxable	Tax rate%	Base tax	Property tax
2012/13	F9	\$108,000	\$29,700	\$48,600	\$40,500	10.152%	\$4,111	\$4,111
2011/12	F9	\$108,000	\$29,700	\$48,600	\$36,882	10.152%	\$3,744	\$3,744
2010/11	F9	\$82,400	\$29,250	\$37,080	\$32,994	10.312%	\$3,402	\$3,402
2009/10	F9	\$77,300	\$9,450	\$34,785	\$30,924	10.426%	\$3,224	\$3,224
2008/09	F9	\$74,300	\$9,450	\$33,435	\$29,331	10.241%	\$3,003	\$3,003
2007/08	F9	\$67,800	\$9,450	\$30,510	\$27,612	10.059%	\$2,777	\$2,777

1 Zoning and Building Class



* Land Use: **Factory - Miscellaneous (F9)**

The *building class* specifies how a property is used or what type of building is present on that property. Building classes range from A to Z (excluding X.) There are at most 10 different sub-classes within each building class (ranging from 0 to 10.) These building classes cover all property uses from residential and commercial to government buildings and parks.

Building class
Legend

Factory - Miscellaneous (F9)

As you can see in our legend, we show many building classes on our maps! Still, we are not showing the entire list. If you have questions or would like to know more about the different types of building classes, [Click Here!](#)





This map is not an official zoning map. The print version of the NYC Zoning Resolution, which includes the zoning maps, together with any amendments adopted by the City Council subsequent to the most recent update to the print version, remains the official version of the Zoning Resolution.

This map was created from the NYC [Department of City Planning's](#) online zoning map files. It includes updates found in those files through 12/12/12.

For more information about zoning district regulations, [Click Here!](#)

Rezoning Projects

Project	Greenpoint - Williamsburg
Status	Adopted
Year	2005

New York City is divided into three basic *zoning districts*: residential (R), commercial (C) and manufacturing (M). These basic zoning districts are subdivided by the intensity of use. Development is governed by the use, bulk, and parking requirements of the zoning district.

Zoning district **M1-2/R6A/MX-8**

Legend

- R - Residential District**
- C - Commercial District**
- M - Manufacturing District**
- Area(s) Rezoned**
- Special Purpose District**
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.
- (D) - Restrictive Declaration**
- (E) - City Environmental Quality Review Declaration**
- (e3) - Refers to blocks with lots subject to CEQR designation E-175. See Z.R. appendices (CEQR declarations) for list of affected block and lots.**
- [Blue Hatched] Rezoning Project Area (Proposal-Active)**
- [Purple Hatched] Rezoning Project Area (Currently Inactive)**
- [Red Hatched] Rezoning Project Area (Recently Adopted)**
- [Pink Hatched] Rezoning Project Area (Earlier Adopted)***

* The Earlier Rezonings are no longer being updated. They are presented for reference purposes.

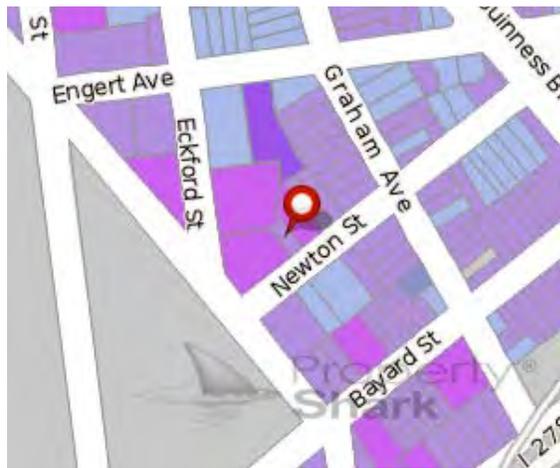
2 Floor Area Ratio & Air Rights

There are many rules that limit what you can build on a lot and how large it can be. But the most important is the Floor Area Ratio, or FAR. The FAR is expressed as a ratio of the size of the building in square feet to the size of the lot in square feet. For example, if a lot is 2,000 square feet and has an allowable FAR of 4.0, then then you can't build a building larger than 8,000 square feet.

Area of lot in square feet		1,656
FAR	x	3
Maximum usable floor area of building	=	4,968

Available Air Rights by Parcel

The building on this lot is smaller than the maximum set by the FAR. Thus it may be possible to add to the building (either more floors or an extension) or it may be possible to sell the "air rights" to a developer who owns a nearby lot. (Note: other factors may limit what you can do.)



* Unused buildable square feet: 3,312

Maximum usable floor area		4,968
Usable floor area	-	1,656
Unused buildable square feet ("air rights")	=	3,312

Opportunity by Parcel:	
■	Above 200,000 SF
■	100,000 - 200,000 SF
■	50,000 - 100,000 SF
Very Little Opportunity:	
■	30,000 - 50,000 SF
■	10,000 - 30,000 SF
■	Below 10,000 SF
No Opportunity:	
■	None Available (0)
■	Over Developed (1-1)
■	Excluded Regions (101)

3 Economic and Development Incentives

Properties and businesses within NYC qualify for a number of city, state and federal economic and development incentives based on factors such as location, business type, investment, renovation, new construction, increased employment, and other factors. This section shows you for which programs this particular building may qualify.

Program	Qualifies?	More Information
CRP	No	NYC EDC
CRT	No	NYC EDC
ICIP	No	NYC EDC
LMREAP	No	NYC EDC
Sales tax savings	No	NYC EDC
Empowerment Zone	No	NYC EDC
Industrial Business Zone	No	NYC GOV
Greenpoint-Williamsburg Ombudsmen Area	Yes	NYC GOV

Need help with the **Programs** names? Please look at our [Incentives FAQ](#) section.

It explains what each of these programs means!

4 Permits

Pre filing date	Job no	Doc no	Job type	Job status	Details
4/17/2000	301019476	1	A2	Q	Show Details

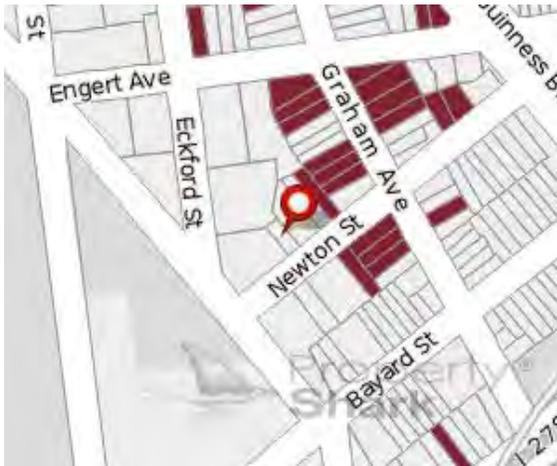
5 DOB Actions

No records found.

For more information please consult the [DOB web site](#).

1 Housing Preservation and Development Violations

When excessive violations are present, this can adversely affect the support given by The NYC Department of Housing Preservation and Development (HPD). These violations can result in building-wide inspections, fees, and the requirement of extensive repair work to correct underlying conditions. In some cases, outstanding violations may result in a lien being placed on the property. It is also substantially more difficult to mortgage a building with extensive violations.



* Sorry, for this property we don't have any information about open violations.

HPD Violations

On this color-coded map, view all properties with open violations that have been left uncorrected.

Legend

■ Uncorrected Violations
■ 25 Total number of violations

Open A class violations: 0

Open B class violations: 0

Open C class violations: 0

Open I class violations: 0

Number of units: 0

Description of the Classes

Sorry, no records were found!

Please note: the NYC HPD is the only authoritative source for information on housing violations. Please consult the [HPD web site](#) for up-to-date violations.

PropertyShark obtains its records from HPD and updates them monthly.

2 ECB Violations

There are eleven city agencies that administer the City's quality-of-life laws and issue Notices of Violation (NOVs) for alleged violations. The ECB is a separate and independent agency that hears challenges to those NOVs. The agencies that issue the most violations for real estate are:

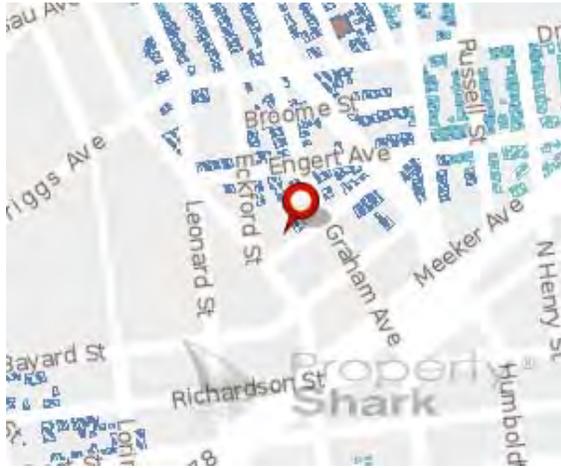
- Department of Buildings (DOB)
- Department of Environmental Protection (DEP)
- Fire Department
- Landmarks Preservation Commission (LPC)
- Department of Sanitation

PropertyShark obtains its ECB NOV records from the DOB and updates them nightly. Records go back to 1988

No records found.

For more information about the ECB and the types of NOVs that it handles, visit its [home page](#).

1 Distance To



Distance to Elementary Schools

On this map, view the distance between the closest Elementary School and this property.

Legend

Residential Proximity to Public Elementary School

- Public Elementary School
- Residential Inside 1000 ft *

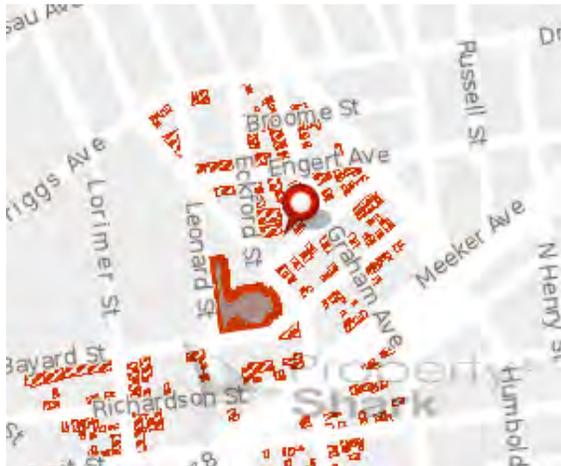
Residential Proximity to Private Elementary School

- Private Elementary School
- Residential Inside 1000 ft *

* distances are calculated as radius from School

Distance (feet): n/a

Building is not inside a 1000ft radius from the nearest Elementary School.



Distance to Junior High

On this map, view the distance between the closest Junior High School and this property.

Legend

Residential Proximity to Public Middle/Junior High School

- Public Middle/Junior High School
- Residential Inside 1000 ft *

Residential Proximity to Private Middle/Junior High School

- Private Middle/Junior High School
- Residential Inside 1000 ft *

* distances are calculated as radius from School

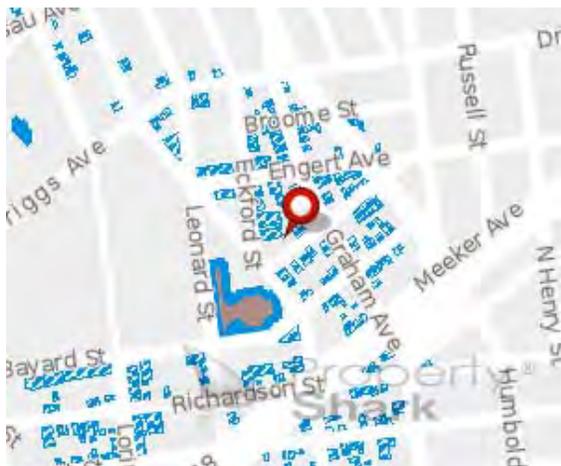
Distance (feet): 233.27

Location name

John Ericsson Middle School 126

Location category description

Junior High-Intermediate-Middle



Distance to High School

On this map, view the distance between the closest High School and this property.

Legend

Residential Proximity to Public High School

- Public High School
- Residential Inside 1000 ft *

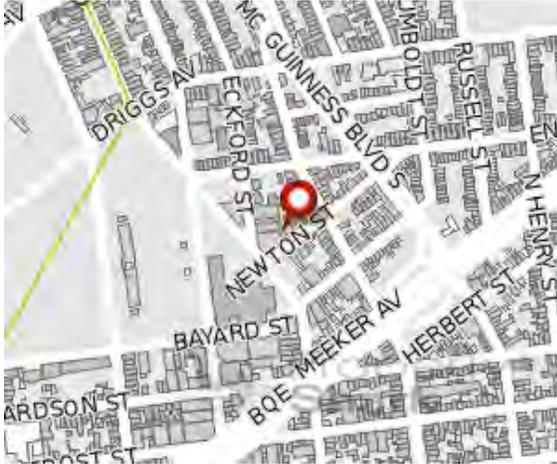
Residential Proximity to Private High School

- Private High School
- Residential Inside 1000 ft *

* distances are calculated as radius from High School

Distance (feet): n/a

Building is not inside a 1000ft radius from the nearest High School.



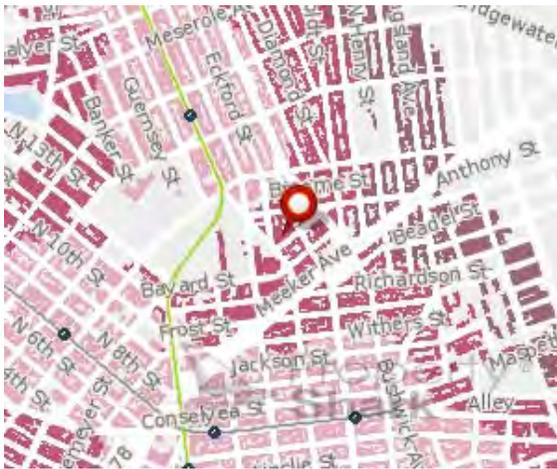
Distance to University

On this map, view the distance between the closest University and this property.

Legend

- University / College
- Inside 1000 ft *
- * distances are calculated as radius from University/College

Name: n/a
Distance (feet): n/a



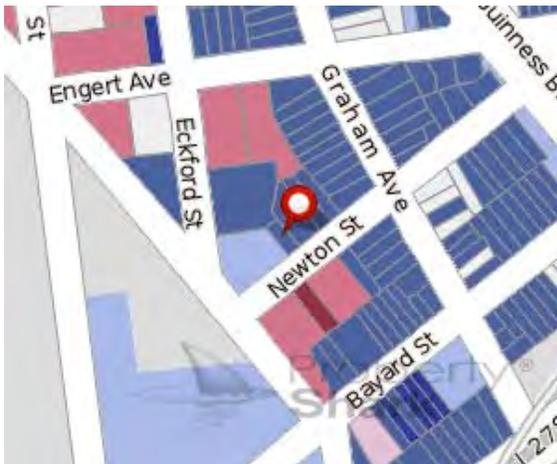
Subway accessibility (nearest subway station)

On this color-coded map, view the nearest subway station for each building.

Legend

- Subway Station
- Inside 1000 ft *
- Inside 2000 ft *
- Inside 3000 ft *
- * distances are calculated as radius from station

2 Urban Landscape Maps



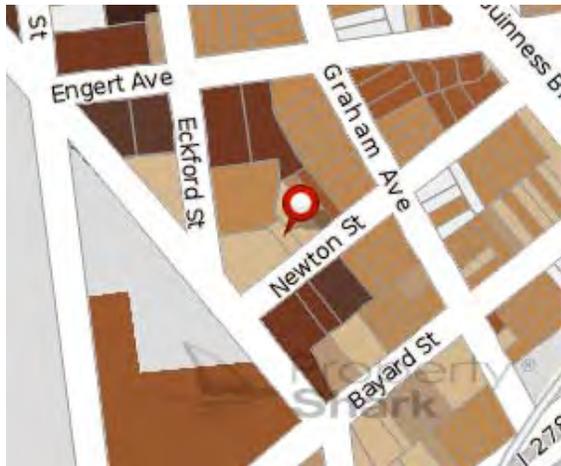
Year Built

On this color-coded map, view the year each property was built.

Legend

- 2010 and later
- 2000 - 2009
- 1990 - 1999
- 1970 - 1989
- 1950 - 1969
- 1900 - 1949
- 1900 and earlier

* Year Built: 1940



* Number of Stories: 1

Building Stories

On this map, view the number of stories per building.

Legend



3 Neighbors

Address	Property class	Square feet	Sale date	Sale price
105-117 Newton St	Factory - Light Manufacturing	10,020	7/3/2012	\$900,000
141 Newton St	Primarily One to Six Families with Stores or Offices	3,139	6/30/2011	\$372,000
145 Newton St	Primarily One to Six Families with Stores or Offices	3,139	6/30/2011	\$372,000
147-149 Newton St	Primarily One to Six Families with Stores or Offices	3,139	6/30/2011	\$372,000
155 Newton St	Over Six Families Without Stores	7,257	3/8/2012	\$2,160,000

4 Demographics By Zip Code

Profile of Zip Code

Pop 2000	39360
Female pop	19499 (49.5%)
Male pop	19861 (50.5%)
Households	16758 (94.7% occupied)
Home owners	3052 (18.2%)
Renters	12813 (76.5%)
Misc density pop	999.99
Misc density area	1.81
House average household	2.5

Age Distribution

5 12.6 10.6 35.6 24.9 11.3

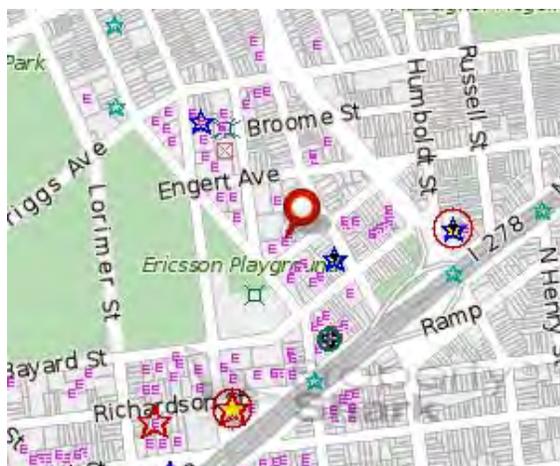
Under 5 5 to 17 18 to 24 25 to 44 45 to 64 65 and older

Household Type

					44.9	
	37.3					30.8
23						
		17				
			12.4			
				4.8		
Families w/Children	Married Families	Married w/Children	Female Household	Female w/Children	Non-Family	Single Household

Note: totals often exceed 100% for household type because respondents may choose multiple categories.

1 Toxic Sites



Toxic Sites

Toxic site data reported for this property: **Yes**

- Total known or potential toxic sites on property: **1**

Other Toxic Sites:

- E** x 1 Selected NYC Environmental Quality Review 'E' Designation

Toxic site data reported next to this property: **Yes**

- Neighbors with reported known or potential Toxic Site(s): **2**

Understanding This Map

This screening map, provided to PropertyShark by [Toxics Targeting](#), shows environmental hazards such as toxic dumps, garbage landfills, leaking tanks, hazardous waste sites, and pollution discharges reported by local, state and federal government authorities.

For information about the hazards that can appear on the map, see our [Pollutants Groups Description FAQ](#). For information about Toxics Targeting, see our [About Toxics Targeting FAQ](#).

More Details & Help

Call **800-2-TOXICS** (800-286-9427 NYS only) or **607-273-3391** for more info.

Map Disclaimer: Mapped locations are approximate; identified sites based on current and/or historic information; site symbols can refer to large properties; additional toxic sites are not mapped; contamination problems can impact properties far from toxic sources; sites include known and potential hazards; regulatory status of sites may have changed.

Leaking Tanks & Spills:

- MTBE Spill
- Tank Failure
- Tank Test Failure
- Spill greater than 25 gal/lbs
- Gasoline Spill

Superfund, Brownfields and Solid Waste:

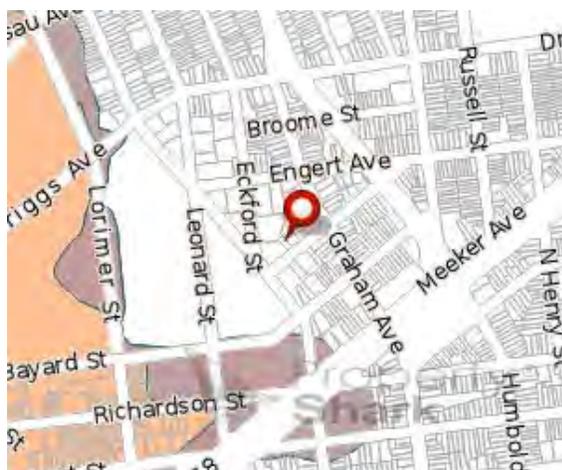
- JS Superfund Priority Site
- NY Superfund Site
- US Superfund CERCLIS Site
- Brownfield Site
- Hazardous Substance Study
- Solid Waste Facility

Other Toxic Sites:

- NY Superfund Qualifying Site
- Major Oil Storage Facility
- Hazardous Waste Corrective Act
- Haz Waste Treat/Store/Dispose
- Toxic Release Inventory Site
- Legal Civil/Admin Docket
- Hazardous Waste Violation
- Air Discharge Facility
- Selected NYC Environmental Quality Review "E" Designation

2 Fema Flood Zones Map

To understand flood zoning within the current neighborhood you can review the full map by clicking on this 'minimap'. Flood zoning codes, Fema map panel, and publication date all can be extracted for this target property.



Find out more about: [FEMA Flood Hazard Map](#)

Legend

- Moderate to Low Risk Areas**
- X < 1% ACP
- 0.2 PCT ACP & < 1% ACP
- High Risk Areas**
- A < 1% ACP, no base flood elevations
- AE < 1% ACP, periodic base flood elevations
- High Risk-Coastal Areas**
- VE > 1% ACP + Storm Waves
- Floodway
- COERA
- Open Water
- 0.2% Annual Chance of Flood Hazard
- Coastal Barrier Resources System Area
- ACP = Annual Chance of Flooding

Notes: The current map does not cover changes made after Hurricane Sandy

Note: This map was constructed using Fema Flood DFIRM data set.

Link to the map for this property at [FEMA's Map Service Center](#) (may not be available in all locations)

FEMA Flood Zoning

FEMA flood zone(s) X (moderate/low risk)

Distance to...

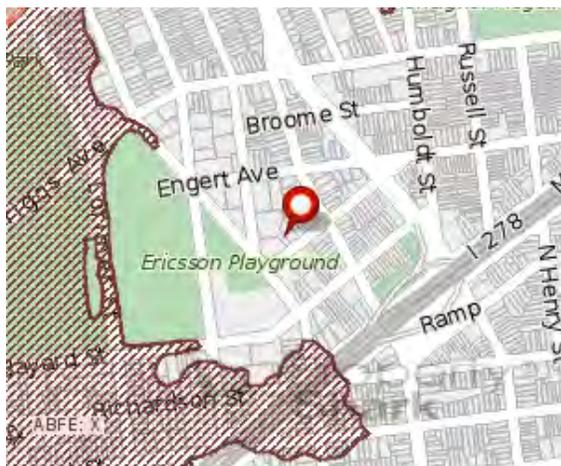
Nearest distance to coastline 3278

Costal barrier resources system area (COBRA)	No	Compass direction to coastline	155
Floodway	No	Nearest distance to 100 year flood zone area	53
FEMA special flood hazard area	No	Compass direction to 100 year flood zone	189
Map panel ID	3604970202F		

3 After Sandy - FEMA Advisory Base Flood Elevation Map

To understand FEMA advisory base flood elevation zoning within the current neighborhood you can review the full map by clicking on this 'minimap'. You can also compare after Hurricane Sandy ABFE zoning codes with the previously released official FEMA map.

On this map, you can see if the property is located in a special advisory base flood elevation hazard area.



Legend

FEMA Advisory Flood Hazard Zones:

Low/Moderate Risk

Advisory Zone X < 1%ACF*

High Risk Areas

Advisory Zone A 1%ACF

High Risk-Coastal Areas

Advisory Zone V 1%ACF

Area of Moderate Wave Action **

CBRA Zones***

1%EL = 1% Advisory Base Flood Elevation

0.2%EL = 0.2% Advisory Base Flood Elevation

* Annual Chance of Flood Hazard

** Wave Hights between 1.5 and 3 feet

*** Costal Barrier Resource Act

Find out more about: [FEMA Advisory Base Flood Elevation \(ABFE\) Glossary](#)

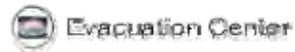
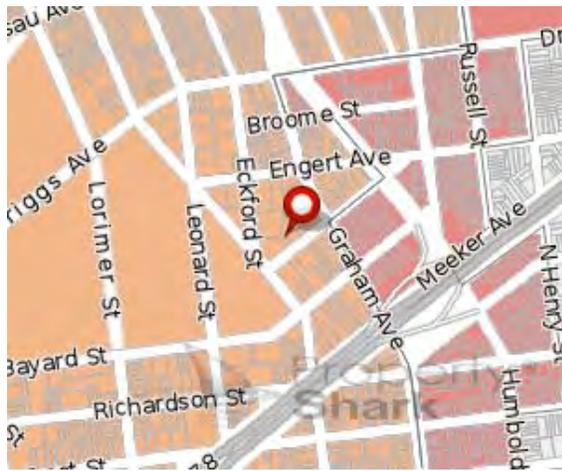
Note: This map was constructed using FEMA ABFE (After Hurricane Sandy) data set.

Find your ABFE code at: [FEMA Official Site](#).

4 Hurricane Evacuation Zones

The map shows recent hurricane evacuation zones and evacuation reception centers.

Legend



Evacuation Zones:

-  Zone A - Any Hurricane
-  Zone B - Moderate Hurricane
-  Zone C - Major Hurricane

Zone: B - moderate likelihood of evacuation

Disclaimer

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All data comes from government sources. No attempt has been made to validate it. No attempt has been made to validate the accuracy of the programming of this web site. Do not rely on this report to support investment decisions. The only authoritative source for the information in this report is the government agencies from which the data was acquired.

4/3/2013
021213

HPD Building, Registration & Violation Services · [Home](#)

The selected address: 119 NEWTON STREET, Brooklyn 11222

HPD#	Range	Block	Lot	CD	CensusTract	Stories	A Units	B Units	Ownership	Registration#	Class
344544	Active	119-119	02714	0032	1 49900	1	0	0	PVT	0	N/A

- [Other Units](#)
- [Property Owner Registration Information](#)
- [Charges](#)
- [Map](#)
- [Complaint Status](#)
- [Complaint History](#)
- Carbon Monoxide Certificate
- [Litigation/Case Status](#)
- [All Open Violations](#)
- [prior year Open Viol.'s](#)
- Ecertainment
- [I-Card Images](#)
- Property Registration Assistance

One and two family properties are not required to register with HPD unless neither the property owner nor family members of the owner live on the premises. Owners of these properties can register after obtaining a Registration Number. For more information on how to obtain a Registration Number and register, please return to the HPD home page and search for Property Registration.

No violations were retrieved.

4/3/2013

021213

HPD Building, Registration & Violation Services · [Home](#)

The selected address: 125 NEWTON STREET, Brooklyn 11222

HPD#	Range	Block	Lot	CD	CensusTract	Stories	A Units	B Units	Ownership	Registration#	Class
344547 Active	125-125	02714	0030	1	49900	1	0	0	PVT	0	N/A

- [Other Units](#)
- [Property Owner Registration Information](#)
- [Charges](#)
- [Map](#)
- [Complaint Status](#)
- [Complaint History](#)
- Carbon Monoxide Certificate
- [Litigation/Case Status](#)
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One and two family properties are not required to register with HPD unless neither the property owner nor family members of the owner live on the premises. Owners of these properties can register after obtaining a Registration Number. For more information on how to obtain a Registration Number and register, please return to the HPD home page and search for Property Registration.

No violations were retrieved.

119-125 Newton St, Brooklyn, New York



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Location Report**Property Information (1)**

119 NEWTON STREET, BROOKLYN 11222

Industrial / Manufacturing

Owner: SPIEZIO REALTY CORP

Block: 2714 Lot: 32

Property Characteristics:

Lot Area: 1,656 sq ft (25' x 66.25')

of Buildings: 1 Year built: 1940

of floors: 1 Building Area: 1,650 sq ft

Total Units: 1 Residential Units: 0

Primary zoning: M1-2/R6A Commercial Overlay: None

Floor Area Ratio: 1 Max. FAR: 3

FAR may depend on street widths or other characteristics. Contact [City Planning Dept.](#) for latest information.**MORE INFO:**

- Zoning Map#: [13a](#) ([how to read](#) NYC zoning maps)
- Historical Zoning Maps: [13a](#)
- [NYC Dept. of Buildings](#)
- [Property transaction records](#)
- [NYC Dept. of Finance Assessment Roll](#)
- [NYC Digital Tax Map](#)
- [NYC zoning guide](#)
- [NYC Watershed Resources](#)

OASIS shortcut to this property:<http://oasisnyc.net/printmap.aspx?zoomto=lot:3027140032>

Source: The Bytes of the Big Apple (TM) PLUTO (TM) and Tax Block & Tax Lot files are copyrighted by the New York City Department of City Planning, 2010 (ver. 10v1).

NYC Department of City Planning Census Factfinder

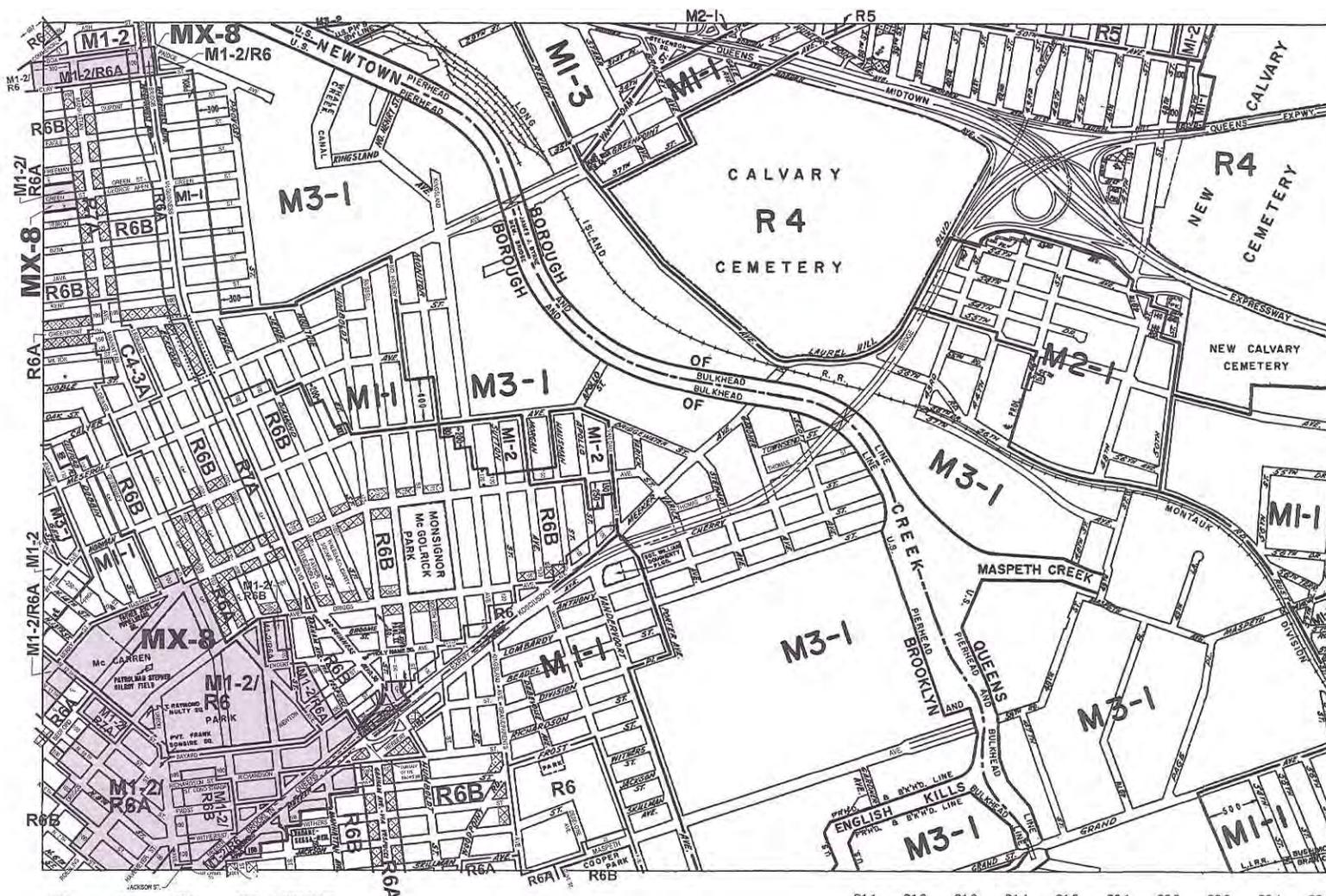
Find all census tracts within mile(s) **YAHOO!** Local search results for this address:*Know of something that's missing? [Add it to YAHOO!](#)***Stewards (4)**[Habitatmap](#)Feedback? [Email Us.](#)[North Brooklyn Compost Project](#)Feedback? [Email Us.](#)[Open Space Alliance of North Brooklyn \(OSA\)](#)Feedback? [Email Us.](#)[St. Nicholas NPC](#)Feedback? [Email Us.](#)[Stewards with large turfs \(not mapped\)](#)**Community District (1)****Brooklyn 1 Community District Information**

Chairperson: Mr. Vincent V. Abate

District Manager: Mr. Gerald A. Esposito

Address: 435 Graham Avenue, Brooklyn, NY, 11211

Phone: 718-389-0009 Email: bk01@cb.nyc.govWebsite: <http://www.cb1brooklyn.org/>**Meeting Information:**[Go to District Profile](#) by NYC Dept. of City Planning**Political Districts (5)**NYC Council: [District 33](#)NYS Assembly: [District 50](#)NYS Senate: [District 17](#)US House of Representatives: [District 12](#)US Senate: [New York](#)



ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:
 The number(s) and/or letter(s) that follows on R, C or M District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

- R – RESIDENTIAL DISTRICT
- C – COMMERCIAL DISTRICT
- M – MANUFACTURING DISTRICT
- SPECIAL PURPOSE DISTRICT
 The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.
- AREA(S) REZONED

Effective Date(s) of Rezoning:
 12-10-2012 C 100218 ZMK

Special Requirements:
 For a list of lots subject to CEQR environmental requirements, see APPENDIX C.
 For a list of lots subject to "D" restrictive declarations, see APPENDIX D.
 For Inclusionary Housing designated areas on this map, see APPENDIX F.

MAP KEY

8d	9b	9d
12c	13a	13c
12d	13b	13d

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ZONING MAP 13a

C1-1 C1-2 C1-3 C1-4 C1-5 C2-1 C2-2 C2-3 C2-4 C2-5 C2-6

NOTE: Where no dimensions for zoning district boundaries appear on the zoning maps, such dimensions are determined in Article VII, Chapter 6 (Location of District Boundaries) of the Zoning Resolution.

NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website: www.nyc.gov/planning or contact the Zoning Information Desk at (212) 720-3291.

APPENDIX C
FIRE INSURANCE MAPS



119-125 Newton Street, Brooklyn, New York

119 Newton Street

Brooklyn, NY 11222

Inquiry Number: 3566214.3

April 04, 2013

Certified Sanborn® Map Report

Certified Sanborn® Map Report

4/04/13

Site Name:

119-125 Newton Street,
119 Newton Street
Brooklyn, NY 11222

Client Name:

Hydro Tech Env. Corp.
77 Arkay Drive
Hauppauge, NY 11788-0000

EDR Inquiry # 3566214.3

Contact: Alina Jakubowska



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Hydro Tech Env. Corp. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting 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 Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: 119-125 Newton Street, Brooklyn, New York
Address: 119 Newton Street
City, State, Zip: Brooklyn, NY 11222
Cross Street:
P.O. # 5204
Project: 130087
Certification # 3E97-4FBA-85B2



Sanborn® Library search results
Certification # 3E97-4FBA-85B2

Maps Provided:

2007	2001	1988	1980	1916
2006	1996	1987	1979	1905
2005	1995	1986	1978	1887
2004	1993	1983	1965	
2003	1991	1982	1951	
2002	1989	1981	1942	

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, 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 27



Volume 4, Sheet 29



Volume 4, Sheet 40

2006 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 40

2005 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 40

2004 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 40

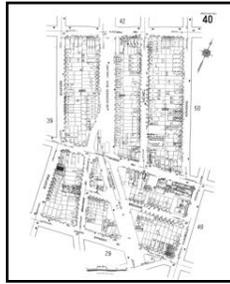
2003 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 40

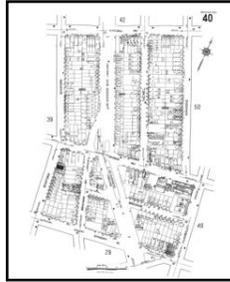
2002 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 40

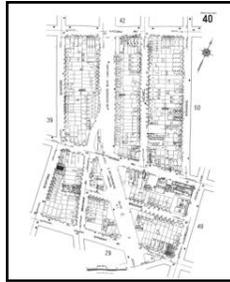
2001 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 40

1996 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 40

1995 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 40

1993 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 40

1991 Source Sheets



Volume 4, Sheet 29



Volume 4, Sheet 27



Volume 4, Sheet 40

1989 Source Sheets



Volume 4, Sheet 29



Volume 4, Sheet 27



Volume 4, Sheet 40

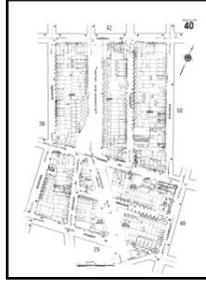
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Volume 4, Sheet 40

1987 Source Sheets



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Volume 4, Sheet 27



Volume 4, Sheet 40

1986 Source Sheets



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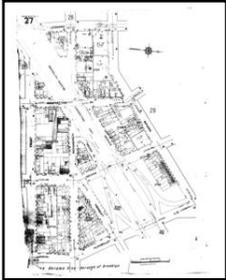


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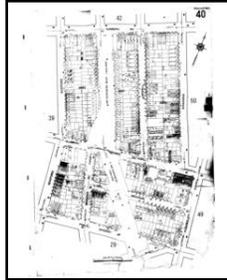


Volume 4, Sheet 40

1983 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 40



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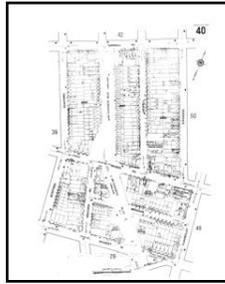
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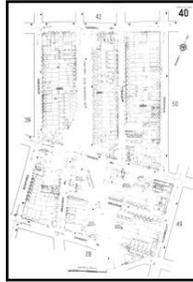
1981 Source Sheets



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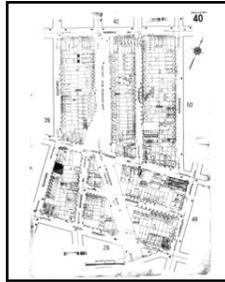
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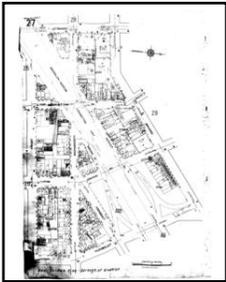


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Volume 4, Sheet 40

1979 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 40

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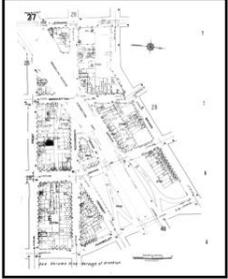


Volume 4, Sheet 29



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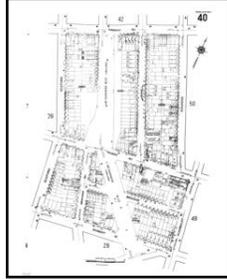
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Volume 4, Sheet 29



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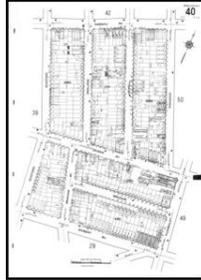
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Volume 4, Sheet 29



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1942 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 40

1916 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 40

1905 Source Sheets



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Volume 4, Sheet 29



Volume 4, Sheet 40

1887 Source Sheets



Volume 4, Sheet 100



Volume 4, Sheet 107

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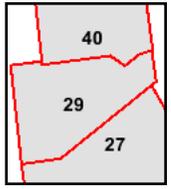
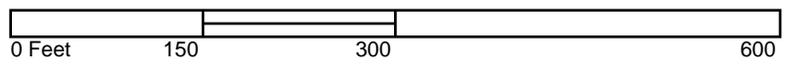
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 Client: Hydro Tech Env. Corp.
 EDR Inquiry: 3566214.3
 Order Date: 4/4/2013 10:22:01 AM
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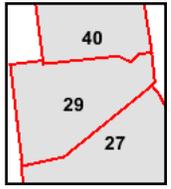
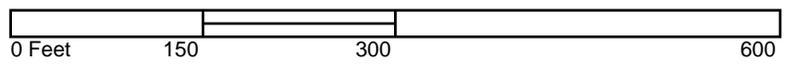
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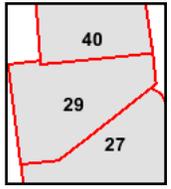
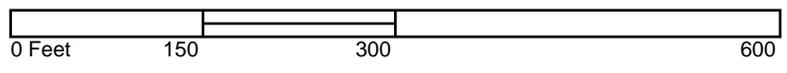
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2004 Certified Sanborn Map



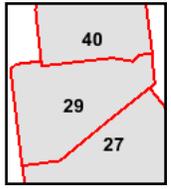
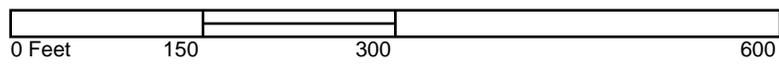
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LEONCOT
Certification # 3E97-4FBA-85B2

Site Name: 119-125 Newton Street, Brooklyn, New York
 Address: 119 Newton Street
 City, ST, ZIP: Brooklyn NY 11222
 Client: Hydro Tech Env. Corp.
 EDR Inquiry: 3566214.3
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2003 Certified Sanborn Map



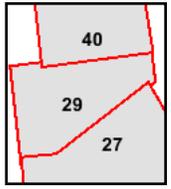
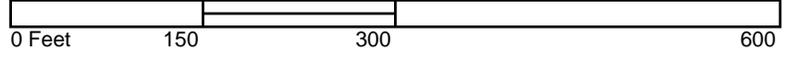
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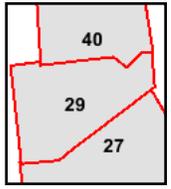
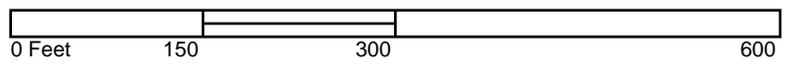
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2001 Certified Sanborn Map

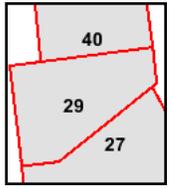
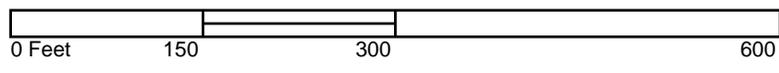
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1996 Certified Sanborn Map



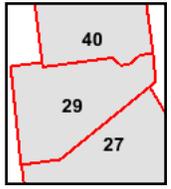
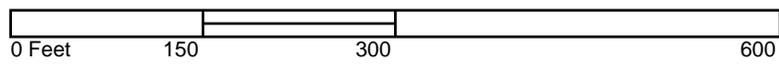
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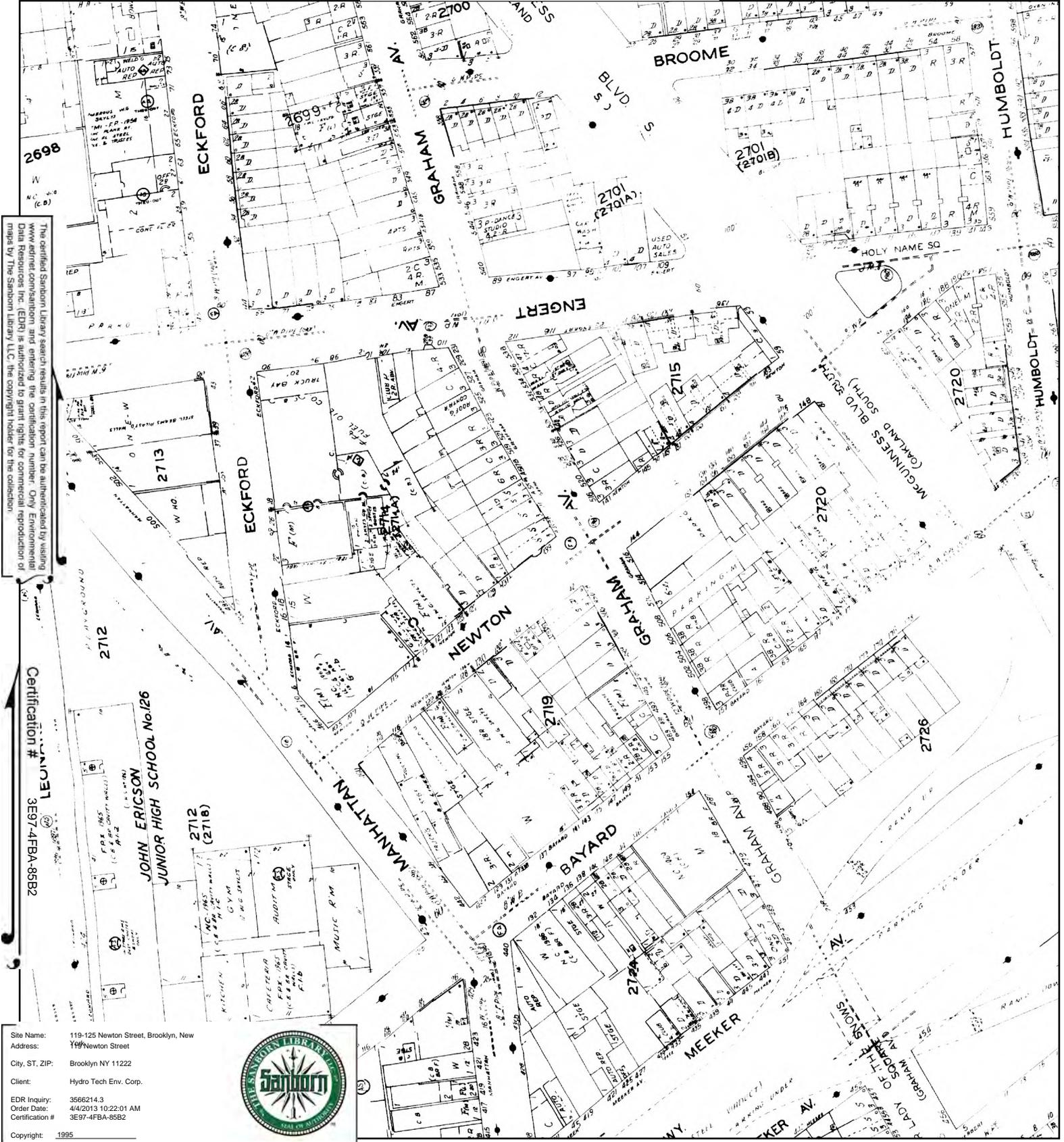
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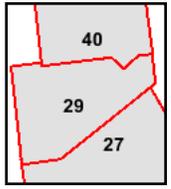
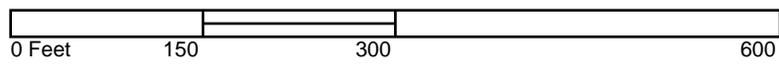
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1993 Certified Sanborn Map



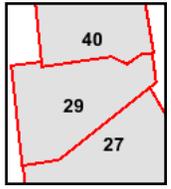
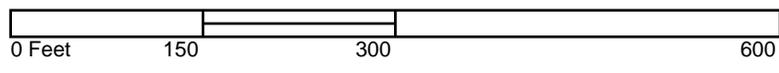
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1991 Certified Sanborn Map



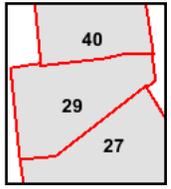
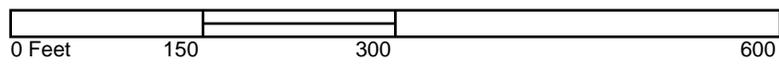
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1988 Certified Sanborn Map



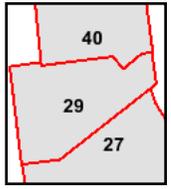
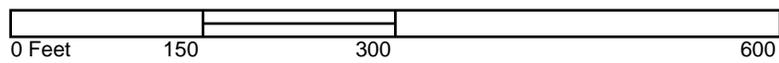
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1987 Certified Sanborn Map



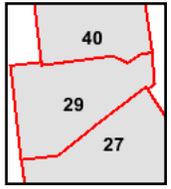
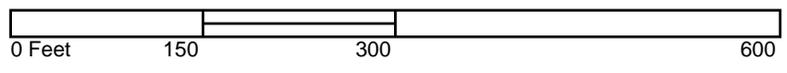
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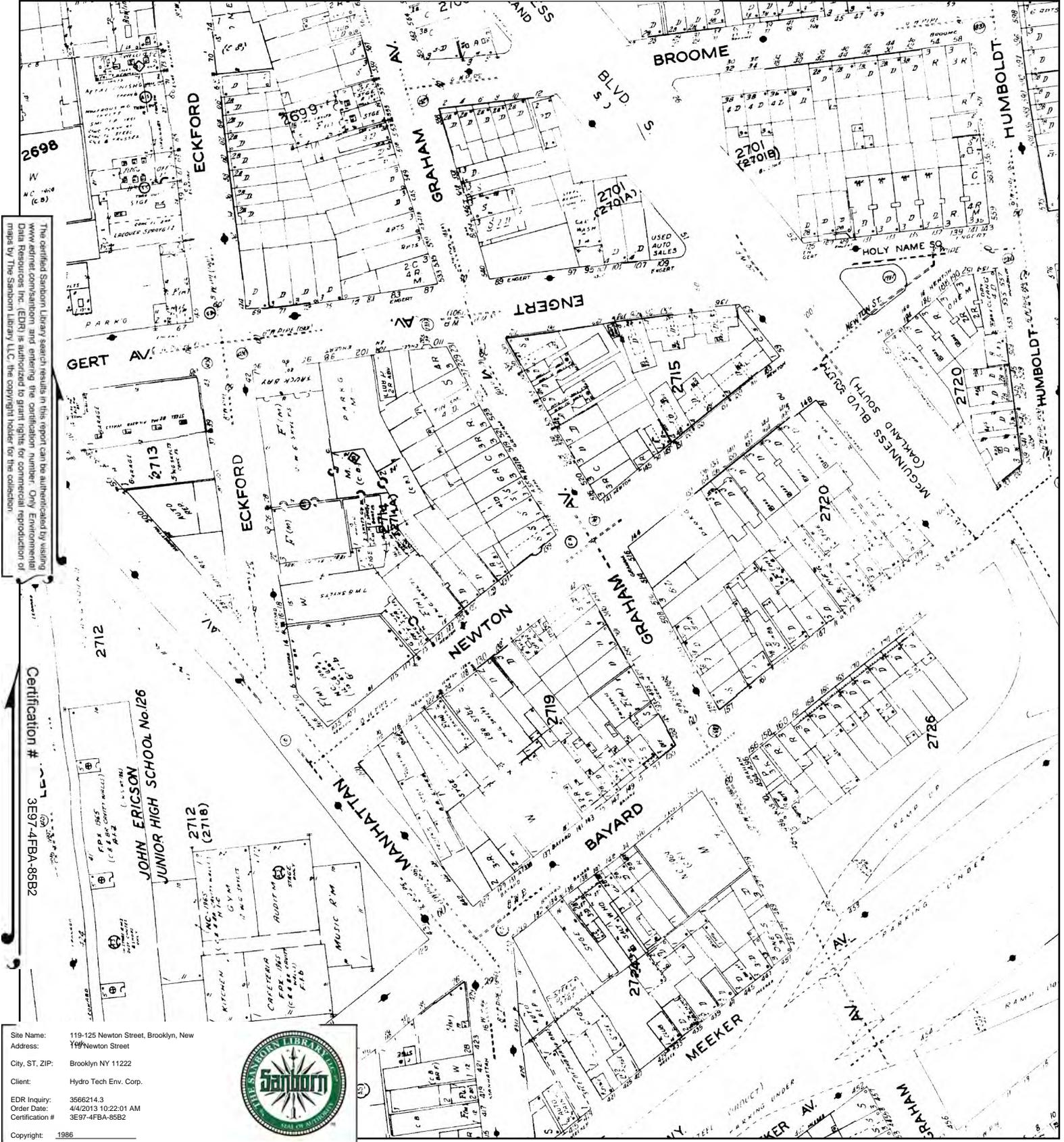
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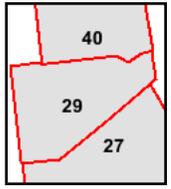
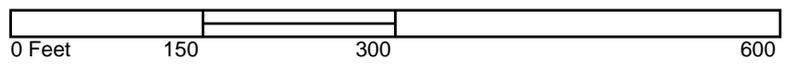
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1983 Certified Sanborn Map



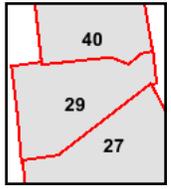
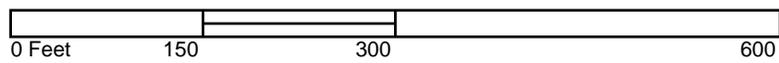
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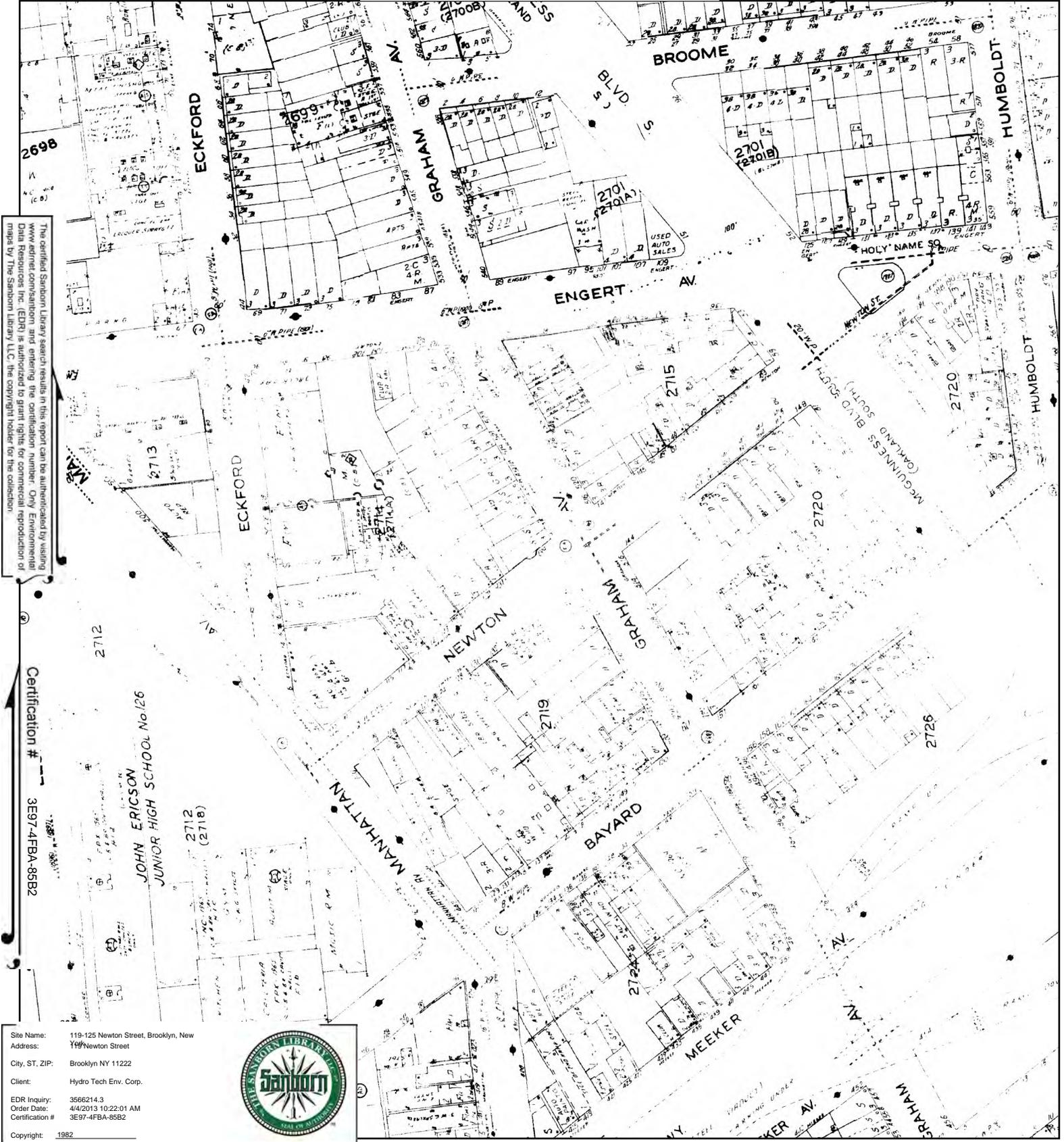
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1982 Certified Sanborn Map



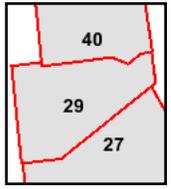
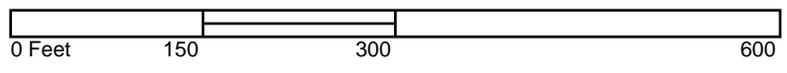
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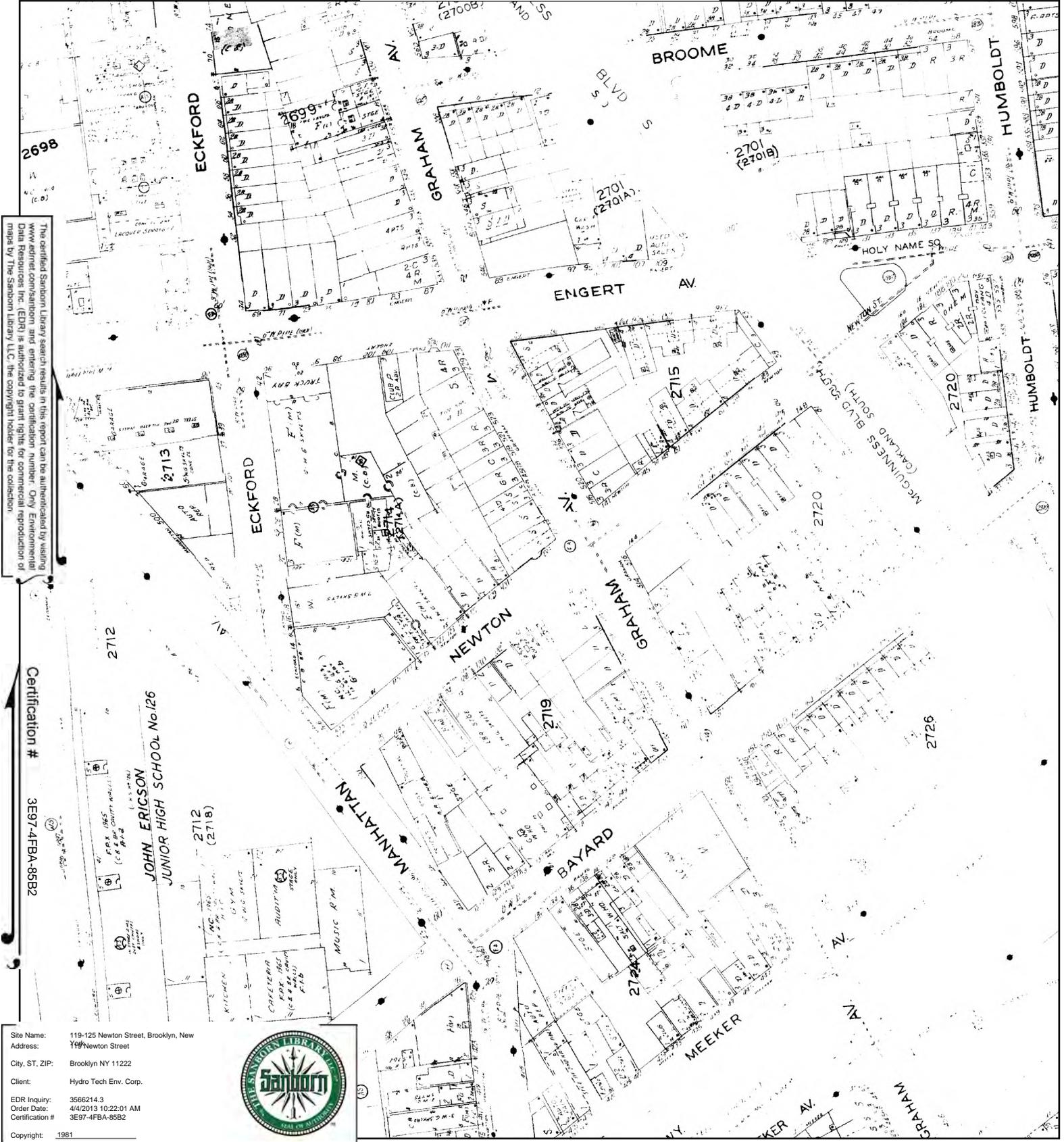
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1981 Certified Sanborn Map



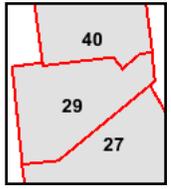
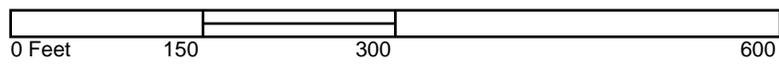
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1980 Certified Sanborn Map



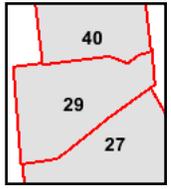
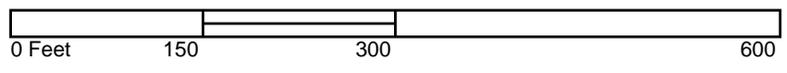
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1979 Certified Sanborn Map



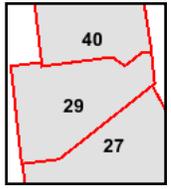
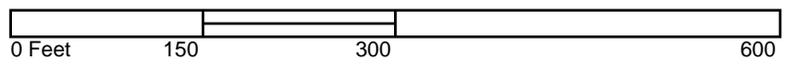
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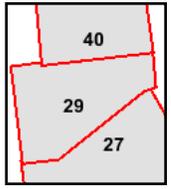
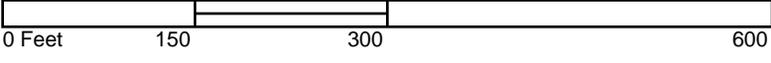
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1951 Certified Sanborn Map



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1942 Certified Sanborn Map



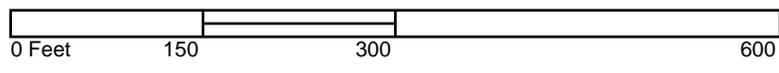
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1916 Certified Sanborn Map



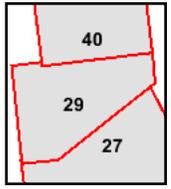
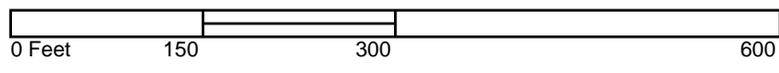
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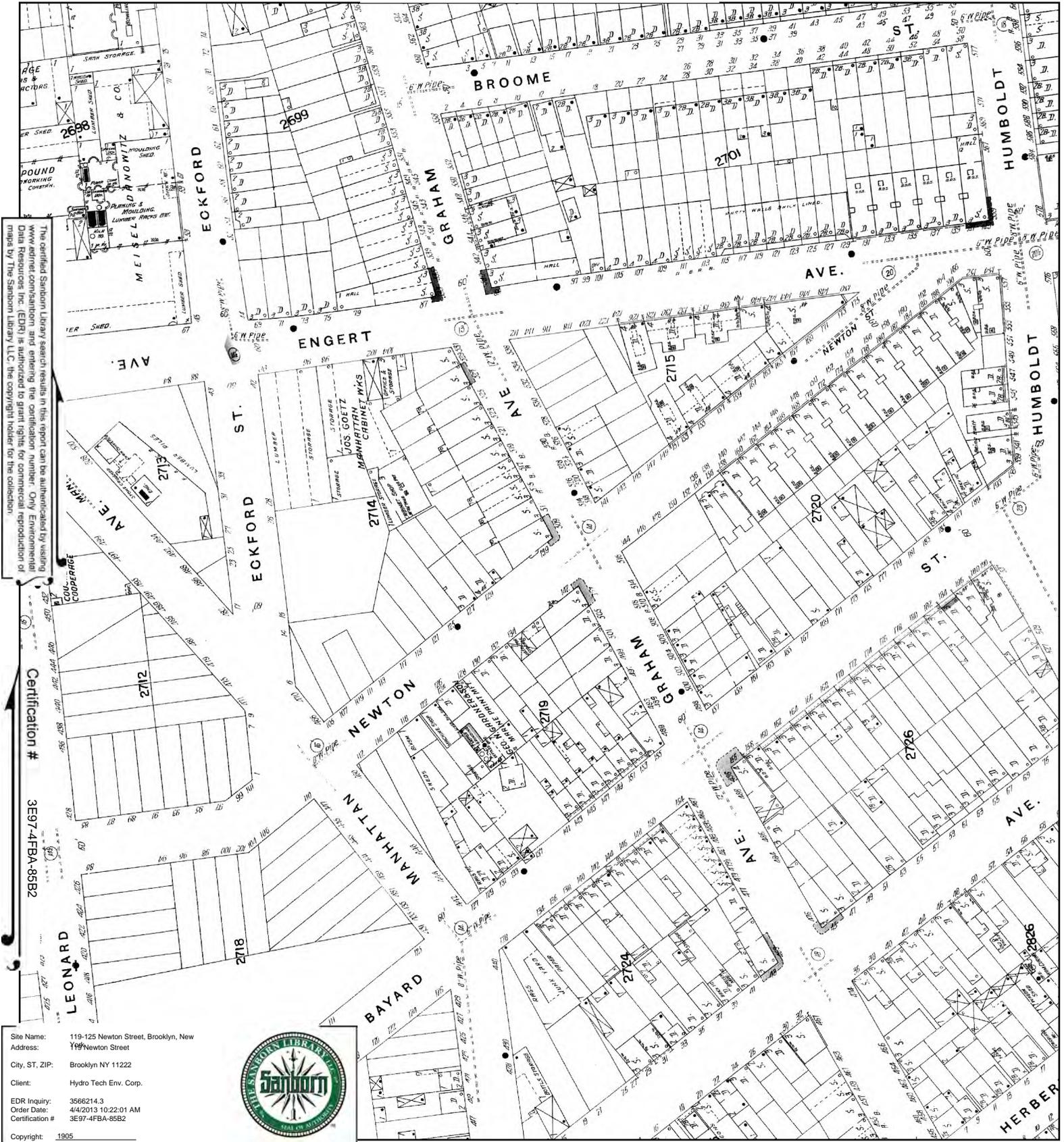
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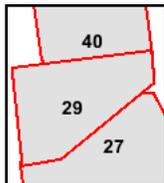
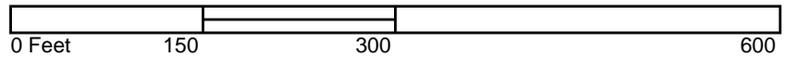
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1905 Certified Sanborn Map



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1887 Certified Sanborn Map



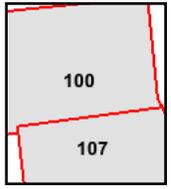
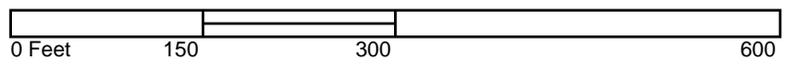
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APPENDIX D
CITY DIRECTORY SEARCH

119-125 Newton Street, Brooklyn, New York

119 Newton Street
Brooklyn, NY 11222

Inquiry Number: 3566214.5
April 03, 2013

The EDR-City Directory Abstract

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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 2012. 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>
2012	Cole Information Services	-	X	X	-
2007	Cole Information Services	-	X	X	-
2005	Hill-Donnelly Corporation	-	X	X	-
2000	Cole Information Services	-	X	X	-
1997	NYNEX	-	X	X	-
1992	NYNEX Informantion Resource Co.	-	X	X	-
1985	NYNEX Information Resources Company	-	X	X	-
1980	New York Telephone	-	X	X	-
1976	New York Telephone	-	X	X	-
1973	New York Telephone	X	X	X	-
1970	New York Telephone	-	X	X	-
1965	New York Telephone	-	-	-	-
1960	New York Telephone	-	-	-	-
1949	New York Telephone Company	-	-	-	-
1945	New York Telephone	-	-	-	-
1940	New York Telephone	-	-	-	-
1934	R. L. Polk & Co.	-	X	X	-
1928	New York Telephone	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

119 Newton Street
Brooklyn, NY 11222

FINDINGS DETAIL

Target Property research detail.

NEWTON ST

119 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	Tedone Truckg Svce	New York Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

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

NEWTON

112 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	MORIARTY CECILIA TEL OPR H	R. L. Polk & Co.

115 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	NATIONAL COOPRAGE CO INC SAM SHAPIRO SEC JACOB SHAPIRO TREAS	R. L. Polk & Co.
	SHAPIRO JACOB TREAS NATL COOPERAGE CO INC	R. L. Polk & Co.
	SHAPIRO SALLY V-PRES NATIONAL COOPERAGE CO INC	R. L. Polk & Co.
	SHAPIRO SAM PRES NATIONAL COOPERAGE CO INC	R. L. Polk & Co.

120 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	AMEX RIGGING CORP	NYNEX Informantion Resource Co.
1976	EXPERIENCED MACHINERY MOVERS	New York Telephone

122 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	BERMAN HYMAN SCRAP METAL	R. L. Polk & Co.

123 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	ELLI CRAFT INC	NYNEX Informantion Resource Co.
1985	JAVIN MACHINE CORP	NYNEX Information Resources Company

124 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	DIAMOND OVERALL LUDY	R. L. Polk & Co.

127 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	DZIEKAN STANISLAW	NYNEX Informantion Resource Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	FISCINA ADELINE D	NYNEX Informantion Resource Co.
	SCHWENK MARY	NYNEX Informantion Resource Co.
	ZAMBROTTA TERESA	NYNEX Informantion Resource Co.
1985	FISCINA ADELINE D	NYNEX Information Resources Company
	YAN JADE	NYNEX Information Resources Company
	ZAMBROTTA TERESA	NYNEX Information Resources Company
1980	ZAMBROTTA TERESA	New York Telephone
1976	MAHINKA RICHARD	New York Telephone
	ZAMBROTTA TERESA	New York Telephone
	FISCINA ADELINE D	New York Telephone
1934	SVENTORA LOUIS HLPR H	R. L. Polk & Co.
	DELIGATO ANTHONY HLPR R	R. L. Polk & Co.
	RUSSO PASQUALE R	R. L. Polk & Co.
	RUSSO NICHOLAS LAB R	R. L. Polk & Co.
	RUSSO CONCETTA H	R. L. Polk & Co.
	PASZKOWSKI BENJ MECH R	R. L. Polk & Co.
	PASZKOWSKI ANDREW H	R. L. Polk & Co.
	LOMUTO DOMINICK H	R. L. Polk & Co.
	GESUALDEI VINCENT R	R. L. Polk & Co.
	DELIGATO FRANK R	R. L. Polk & Co.
	DELIGATO ANTOINETIE H	R. L. Polk & Co.

129 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	BOROWSKI STANISLAW	NYNEX Informantion Resource Co.
	JABCZUGA I	NYNEX Informantion Resource Co.
	KRASZEWSKI WIESLAW	NYNEX Informantion Resource Co.
	MEZYNSKA IRENA	NYNEX Informantion Resource Co.
1985	KRASZEWSKI WIESLAW	NYNEX Information Resources Company
	LOMUTO FRANK	NYNEX Information Resources Company
	TOMCZAK WALTER	NYNEX Information Resources Company
	WIECZOREK JERZY	NYNEX Information Resources Company
1980	RUBINO JOHN	New York Telephone
1976	CAVALLARO D K	New York Telephone
1934	ANOBILE MICHL LAB H	R. L. Polk & Co.
	ANOBILE NATALE LAB H	R. L. Polk & Co.
	BELLO JOHN H	R. L. Polk & Co.
	LIBERTO JOS H	R. L. Polk & Co.
	LOGUERCIO ANTHONY H	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	LOGUERCIO CARMINE R	R. L. Polk & Co.
	LOGUERCIO MARY DRAPER R	R. L. Polk & Co.
	LOGUERCIO MICHL CHAUF R	R. L. Polk & Co.

130 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	CARRANO DOMINIC A	NYNEX Informantion Resource Co.
	VASSALLO DANL	NYNEX Informantion Resource Co.
1985	CARRANO DOMINIC A	NYNEX Information Resources Company
1934	CAVALLO ROCCO HLPR R	R. L. Polk & Co.
	CAVALLO FRANCES CLK R	R. L. Polk & Co.
	CAVALLO FILOMENA R	R. L. Polk & Co.
	CAVALLO CONCETTA R	R. L. Polk & Co.
	CAVALLO CARMINE SHOE REPR	R. L. Polk & Co.
	CAVALLO ANTHONY R	R. L. Polk & Co.
	VASSALLO DOMINICK HLPR H	R. L. Polk & Co.
	VASSALLO JAS R	R. L. Polk & Co.
	VASSALLO MARY CLK R	R. L. Polk & Co.
	VASSALLO VINCENZO H	R. L. Polk & Co.

131 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	FLOWERS D	NYNEX Informantion Resource Co.
	NOWAK S	NYNEX Informantion Resource Co.
	GIPSON JAMES	NYNEX Informantion Resource Co.
1985	LEAVY C	NYNEX Information Resources Company
1976	FINOCHIO CLARE MRS	New York Telephone
	LOGUERCIO MARY	New York Telephone

132 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	FLORIMONTE FRANK	NYNEX Informantion Resource Co.
	MARCILIANO NICOLAS	NYNEX Informantion Resource Co.
	SUCHOCKI RYSZARD	NYNEX Informantion Resource Co.
	WENSIERSKI ZYGMUNT	NYNEX Informantion Resource Co.
1985	CORDOVA ABEL	NYNEX Information Resources Company
	D ANDREA J	NYNEX Information Resources Company
	FLORIMONTE MICHAEL	NYNEX Information Resources Company
	MARCILIANO NICOLAS	NYNEX Information Resources Company

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	NIEVES H	NYNEX Information Resources Company
1976	FLORIMONTE FRANK	New York Telephone
	KASHATUS J A MRS	New York Telephone
1934	BATTISTA DANL H	R. L. Polk & Co.
	LOMBARDI DOMINICK SWEEPEOR H	R. L. Polk & Co.
	NAPOLI PETER SWEEPER H	R. L. Polk & Co.
	STABULAS MICHL H	R. L. Polk & Co.
	STABULAS SADIE R	R. L. Polk & Co.
	VASSALLO DOMINICK R	R. L. Polk & Co.
	VASSALLO JOS SHOE REPRMN R	R. L. Polk & Co.
	VASSALLO MARGT R	R. L. Polk & Co.
	VASSALLO MICHL R	R. L. Polk & Co.
	VASSALLO NICOLA LAB H	R. L. Polk & Co.
	VASSALLO RUSSO LAB H	R. L. Polk & Co.

134 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	D & G CONTRACTORS	NYNEX Informantion Resource Co.
1985	D & G CONTRACTORS	NYNEX Information Resources Company
1934	RONALLO LOUIS JANITOR R	R. L. Polk & Co.
	RONALLO JOHN FIREMN RIVERSIDE HOSP H	R. L. Polk & Co.

136 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	KIMMEL BEN R	R. L. Polk & Co.
	CAIN JOS MECH R	R. L. Polk & Co.

138 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	SACHARSKY MICHAEL	NYNEX Informantion Resource Co.
	DONACH ROBERT	NYNEX Informantion Resource Co.
	ANTONIELLO PASQUALE	NYNEX Informantion Resource Co.
1985	LOGUERCIO PETER D	NYNEX Information Resources Company
	DONACH ROBERT	NYNEX Information Resources Company
1976	BRUDECKL WILLIAM	New York Telephone
1934	KENNEDY JAS MRS H	R. L. Polk & Co.
	KENNEDY WM MECH R	R. L. Polk & Co.
	MARTINL ANTHONY PAINTS H	R. L. Polk & Co.
	MCLAUGHLIN DONALD A MECH R	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	MCLAUGHLIN JOHN R	R. L. Polk & Co.
	PERRILLA MARY R	R. L. Polk & Co.

140 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	ANTOSZEWSKI ANNA	NYNEX Informantion Resource Co.
	BORAK JULIAN J	NYNEX Informantion Resource Co.
1985	BORAK JULIAN J	NYNEX Information Resources Company
	ANTOSOEWSKI ANDREW	NYNEX Information Resources Company
1980	ANTOSZERSKI ANDREW	New York Telephone
1976	MCENERY STEPHEN	New York Telephone
	ANTOSZEWSKI ANDREW	New York Telephone
1934	ZITLO SALLY OPR R	R. L. Polk & Co.
	ZITLO PATK PLMBR R	R. L. Polk & Co.
	ZITLO JOS H	R. L. Polk & Co.
	TORRE MICHELE CLNR H	R. L. Polk & Co.
	NOWICKI JULIUS H	R. L. Polk & Co.
	NOWICKI JOSEPHINE STEN R	R. L. Polk & Co.
	NOWICKA JULIUS RIGGER H	R. L. Polk & Co.
	NOWICKA JOSEPHINE TYPIST R	R. L. Polk & Co.
	CUMMINGS MAY R	R. L. Polk & Co.
	ANUSKEWICZ JOHN H	R. L. Polk & Co.
	CUMMINGS EDW MECH H	R. L. Polk & Co.

142 NEWTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	CAMMARANO A	NYNEX Informantion Resource Co.
	FRASCO M	NYNEX Informantion Resource Co.
1985	STRICKLAND PAUL	NYNEX Information Resources Company
	FINIGUERRA MAURO	NYNEX Information Resources Company
1980	FINIGUERRA MAURO	New York Telephone
1976	FRASCO LOUIS	New York Telephone
	COPPOLA NANCY	New York Telephone
1934	OCHS ANTHONY JR BLUE PRINTWKR R	R. L. Polk & Co.
	OCHS ANTHONY LAB DEPT P & S H	R. L. Polk & Co.
	MAZZA RALPH TAILOR H	R. L. Polk & Co.
	MAZZA FRANK R	R. L. Polk & Co.
	CAIFANO THERESA OPR R	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	CAIFANO ROSE MRS H	R. L. Polk & Co.
	CAIFANO MICHL LAB R	R. L. Polk & Co.
	CAIFANO ANTHONY CLK R	R. L. Polk & Co.

NEWTON ST

120 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Mauro Industries Inc	New York Telephone

123 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1997	Elli Woodworking Inc	NYNEX

124 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Penn State Metal Fabricators	Hill-Donnelly Corporation
2000	PENN ST METAL INC	Cole Information Services
1997	Penn State Fabricators Inc	NYNEX

125 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Adams Furniture	Hill-Donnelly Corporation
2000	ADAMS FURNITURE	Cole Information Services

127 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Zambrotta Teresa A	Hill-Donnelly Corporation
	h Schwenk Mary s	Hill-Donnelly Corporation
	H Reed S A	Hill-Donnelly Corporation
	Lancaster Joseph	Hill-Donnelly Corporation
2000	TERESA ZAMBROTTA	Cole Information Services
	1L MARIUSZ WISNIEWSKI	Cole Information Services
	E STREET	Cole Information Services
	MARY SCHWENK	Cole Information Services
	1R M HREBENKO	Cole Information Services
	APARTMENTS	Cole Information Services
1997	HREBENKO M	NYNEX
	RODAK Justyna	NYNEX
	SCHWENK Mary	NYNEX

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1997	SOSNOWSKI Leszek	NYNEX
	ZAMBROTTA Teresa	NYNEX
	FISCINA Adeline D	NYNEX
	FISCINA Adeline D	NYNEX
1973	Fiscina Adeline D	New York Telephone
	Lomuto Pasquale F	New York Telephone
	Osborne Aaron	New York Telephone
	Zambrotta Teresa	New York Telephone

129 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Jabczuga I	Hill-Donnelly Corporation
	h Anobile Frank	Hill-Donnelly Corporation
	h Wykowski Zdzislaw	Hill-Donnelly Corporation
2000	APARTMENTS	Cole Information Services
	FRANK ANOBILE	Cole Information Services
	4R I JABCZUGA	Cole Information Services
	3L HANNA KIERZKOWSKA	Cole Information Services
	2L HENRYKA KOWALCZYK	Cole Information Services
	1 PAT LOMUTO	Cole Information Services
	YOLANTA WYKOWSKA	Cole Information Services
	ZDZISLAW WYKOWSKI	Cole Information Services
1997	FILIPKOWSKI Eugemius & Genewesa	NYNEX
	JABCZUGA I	NYNEX
	KOWALCZYK Henryka	NYNEX
	WYKOWSKI Zdzislaw	NYNEX
1973	Cavallaro D K	New York Telephone

130 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	HVassallo C L	Hill-Donnelly Corporation
2000	DANIEL VASSALLO	Cole Information Services
	2FL DOMINIC A CARRANO	Cole Information Services
	APARTMENTS	Cole Information Services
1997	CARRANO Dominic A	NYNEX

131 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Niedzielski	Hill-Donnelly Corporation

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Suchowolak Thomas	Hill-Donnelly Corporation
	h Malinowski Janusz	Hill-Donnelly Corporation
	Kruszewska Janina	Hill-Donnelly Corporation
	h Jusinski Janina	Hill-Donnelly Corporation
	h Dudek Widemir	Hill-Donnelly Corporation
2000	ADAM WNOROWSKI	Cole Information Services
	1 THOMAS SUCHOWOLAK	Cole Information Services
	R SUCHOWOLAK	Cole Information Services
	R SUCHOWOLAK	Cole Information Services
	MARCIN MAJEWSKI	Cole Information Services
	JANINA JUSINSKI	Cole Information Services
	APARTMENTS	Cole Information Services
1997	FLOWERS D	NYNEX
1973	Zalatorls Stanley R	New York Telephone
1970	Finochio Clare Mrs	New York Telephone

132 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Suchocki Ryszard	Hill-Donnelly Corporation
	Najda Anna A	Hill-Donnelly Corporation
2000	MIROSLAW SUCHOCKI	Cole Information Services
	6 RYSZARD SUCHOCKI	Cole Information Services
	APARTMENTS	Cole Information Services
1997	FLORIMONTE Frank	NYNEX
	SUCHOCKI Ryszard	NYNEX
	SUCHOCKI Mirostaw	NYNEX
	MARCILINO Nicola	NYNEX
	GORZELSKA Marzena	NYNEX
1973	Perreca Clem A	New York Telephone
	Orlando Peter	New York Telephone
	Florimonte Frank	New York Telephone
1970	Perreca Clem A	New York Telephone

134 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	De Angelis L	Hill-Donnelly Corporation
	Super Fuel Div Corp	Hill-Donnelly Corporation
1997	D & G Contractors	NYNEX

FINDINGS

136 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Stockdale Matthew	Hill-Donnelly Corporation
	Tonn David	Hill-Donnelly Corporation
	H Mirando S PA	Hill-Donnelly Corporation
2000	KAREN MILLER	Cole Information Services
	MATTHEW STOCKDALE	Cole Information Services
1997	WALLENTA Adam	NYNEX

138 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Robinson Hollister	Hill-Donnelly Corporation
	h McCormick G A	Hill-Donnelly Corporation
	h Donach Robert Ac	Hill-Donnelly Corporation
2000	G A MCCONICK	Cole Information Services
	ROBERT DONACH	Cole Information Services
	P ANTONIELLO	Cole Information Services
1997	SACHARSKY Michael	NYNEX
	ANTONIELLO Pasquale	NYNEX

139 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1997	DONACH Robert	NYNEX

140 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Tomre Joseph	Hill-Donnelly Corporation
	h Carrasquillo Rosemarie	Hill-Donnelly Corporation
	h Borak Julian J	Hill-Donnelly Corporation
	h Alfieri Vincent	Hill-Donnelly Corporation
2000	JOSEPH TORRE	Cole Information Services
	R CARRASQUILLO	Cole Information Services
	3L JULIAN J BORAK	Cole Information Services
	ANNA ANTOSZEWSKI	Cole Information Services
	3R VINCENT ALFIERI	Cole Information Services
	APARTMENTS	Cole Information Services
1997	CARRASQUILLO Rosemarie	NYNEX
	BORAK Julian J	NYNEX
	ANTOSZEWSKI Anna	NYNEX
1973	Antoszewski Andrew	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Gaffney Thomas Jr	New York Telephone

142 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Frasco M	Hill-Donnelly Corporation
	h Defeo Darrin	Hill-Donnelly Corporation
	Babino Annmarie	Hill-Donnelly Corporation
2000	1R JOHN L MAZZA	Cole Information Services
	1LEF M FRESCO	Cole Information Services
	DARRIN DEFEO	Cole Information Services
	2 MICHAEL CAIFANO	Cole Information Services
	1LEF LAUREN BURNS	Cole Information Services
	APARTMENTS	Cole Information Services
1997	CAIFANO Michl	NYNEX
	FRASCO M	NYNEX
	CAMMARANO A	NYNEX
1973	Frasco Louis	New York Telephone
1970	Frasco Louis	New York Telephone

155 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	TUMBLEWEED STUDIO	Cole Information Services

158 NEWTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	JBM FULLFILLMENT	Cole Information Services

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

119 Newton Street

Address Not Identified in Research Source

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1945, 1940, 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

112 NEWTON

Address Not Identified in Research Source

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

115 NEWTON

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

120 NEWTON

2012, 2007, 2005, 2000, 1997, 1985, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

120 NEWTON ST

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928

122 NEWTON

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

123 NEWTON

2012, 2007, 2005, 2000, 1997, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

123 NEWTON ST

2012, 2007, 2005, 2000, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

124 NEWTON

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

124 NEWTON ST

2012, 2007, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

125 NEWTON ST

2012, 2007, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

127 NEWTON

2012, 2007, 2005, 2000, 1997, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

127 NEWTON ST

2012, 2007, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

129 NEWTON

2012, 2007, 2005, 2000, 1997, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

129 NEWTON ST

2012, 2007, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

130 NEWTON

2012, 2007, 2005, 2000, 1997, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

130 NEWTON ST

2012, 2007, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

131 NEWTON

2012, 2007, 2005, 2000, 1997, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

FINDINGS

Address Researched

131 NEWTON ST

132 NEWTON

132 NEWTON ST

134 NEWTON

134 NEWTON ST

136 NEWTON

136 NEWTON ST

138 NEWTON

138 NEWTON ST

139 NEWTON ST

140 NEWTON

140 NEWTON ST

142 NEWTON

142 NEWTON ST

155 NEWTON ST

158 NEWTON ST

Address Not Identified in Research Source

2012, 2007, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

2012, 2007, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

2012, 2007, 2000, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

2012, 2007, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

2012, 2007, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

2012, 2007, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

2012, 2007, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

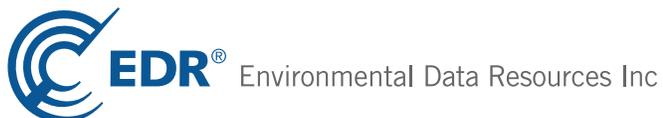
2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

APPENDIX E
DATABASE SEARCH RESULTS

119-125 Newton Street, Brooklyn, New York
119 Newton Street
Brooklyn, NY 11222

Inquiry Number: 3566214.2s
April 03, 2013

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

119 NEWTON STREET
BROOKLYN, NY 11222

COORDINATES

Latitude (North): 40.7207000 - 40° 43' 14.52"
Longitude (West): 73.9467000 - 73° 56' 48.12"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 588960.2
UTM Y (Meters): 4508075.0
Elevation: 17 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: 2010, 2011
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 32,TAXBLOCK 2714 119 NEWTON STREET BROOKLYN, NY 11222	E DESIGNATION	N/A
ELLI INDUSTRIES - 121-125 NEWTON 121-125 NEWTON STREET BROOKLYN, NY 11222	FINDS US AIRS	N/A
ELLI INDUSTRIES - 121-125 NEWTON 121-125 NEWTON STREET BROOKLYN, NY 11222	FINDS	N/A
LOT 30,TAXBLOCK 2714 125 NEWTON STREET BROOKLYN, NY 11222	E DESIGNATION	N/A

EXECUTIVE SUMMARY

AF DOT INTERIOR CORP
123-125 NEWTON STREET
BROOKLYN, NY 11222

FINDS
US AIRS

N/A

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

NPL..... National Priority 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

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-SQG..... RCRA - Small Quantity Generators

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 landfill and/or solid waste disposal site lists

SWF/LF..... Facility Register

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

CBS UST.....	Chemical Bulk Storage Database
MOSF UST.....	Major Oil Storage Facilities Database
MOSF AST.....	Major Oil Storage Facilities Database
MOSF.....	Major Oil Storage Facility Site Listing
INDIAN UST.....	Underground Storage Tanks on Indian Land
FEMA UST.....	Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS.....	Registry of Engineering Controls
INST CONTROL.....	Registry of Institutional Controls
RES DECL.....	Restrictive Declarations Listing

State and tribal voluntary cleanup sites

VCP.....	Voluntary Cleanup Agreements
INDIAN VCP.....	Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

ERP.....	Environmental Restoration Program Listing
BROWNFIELDS.....	Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
ODI.....	Open Dump Inventory
SWTIRE.....	Registered Waste Tire Storage & Facility List
SWRCY.....	Registered Recycling 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
US HIST CDL.....	National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

HIST AST.....	Historical Petroleum Bulk Storage Database
---------------	--

Local Land Records

LIENS 2.....	CERCLA Lien Information
LIENS.....	Spill Liens Information

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
------------	--

EXECUTIVE SUMMARY

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
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
UIC.....	Underground Injection Control Wells
SPDES.....	State Pollutant Discharge Elimination System
AIRS.....	Air Emissions Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
Financial Assurance.....	Financial Assurance Information Listing
2020 COR ACTION.....	2020 Corrective Action Program List
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH.....	Coal Ash Disposal Site Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
PRP.....	Potentially Responsible Parties
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH 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.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

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 02/05/2013 has revealed that there is 1 CERC-NFRAP site 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>
CITY BARREL	421-429 MEEKER ST	SSE 0 - 1/8 (0.098 mi.)	I47	96

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 02/12/2013 has revealed that there is 1 CORRACTS site 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>
REVIEW AVENUE DEVELOPMENT II	37-80 REVIEW AVE	NE 1/2 - 1 (0.960 mi.)	AL180	557

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 02/12/2013 has revealed that there are 4 RCRA-LQG 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 - MANHOLE 4401	HUMBOLDT ST & BROOME ST	ENE 1/8 - 1/4 (0.148 mi.)	S85	227
CON EDISON - MANHOLE 64590	RUSSELL ST & ENGERT AVE	ENE 1/8 - 1/4 (0.167 mi.)	V98	259
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BAYARD HOUSE, LLC	60-64 BAYARD STREET	SW 1/8 - 1/4 (0.192 mi.)	Z113	304
NYC DEPT OF PARKS	776 LORIMER STREET	WSW 1/8 - 1/4 (0.195 mi.)	AA116	320

EXECUTIVE SUMMARY

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 02/12/2013 has revealed that there are 6 RCRA-CESQG 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>
BERKMAN BROTHERS	55 ECKFORD STREET	NW 0 - 1/8 (0.097 mi.)	H40	73
CARTER SPRAY FINISHING CORP	65 ECKFORD ST	NW 0 - 1/8 (0.116 mi.)	H63	126
T & N FRENCH CLEANERS	258 DRIGGS AVE	NNW 1/8 - 1/4 (0.155 mi.)	P92	243
162 PRECINCT	43 HERBERT ST	ESE 1/8 - 1/4 (0.172 mi.)	X103	274
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYC BD OF ED - IS 126K	424 LEONARD ST	SW 0 - 1/8 (0.123 mi.)	N73	163
CON EDISON	LORIMER ST & BAYARD ST	WSW 1/8 - 1/4 (0.217 mi.)	AF133	362

State- and tribal - equivalent CERCLIS

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 SHWS list, as provided by EDR, and dated 02/19/2013 has revealed that there are 8 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>
FORMER KLINK COSMO CLEANERS Class Code: Significant threat to the public health or environment - action required.	364 RICHARDSON STREET	E 1/4 - 1/2 (0.498 mi.)	166	495
FORMER SPIC AND SPAN CLEANERS Class Code: Significant threat to the public health or environment - action required.	315 KINGSLAND AVENUE	NNE 1/2 - 1 (0.523 mi.)	167	497
95 LOMBARDY ST./ACME ARCH. PRO Class Code: Significant threat to the public health or environment - action required.	95 LOMBARDY ST	ENE 1/2 - 1 (0.523 mi.)	168	499
ACME STEEL PARTITION CO INC Class Code: Significant threat to the public health or environment - action required.	513 PORTER AVE	ENE 1/2 - 1 (0.605 mi.)	171	509
KEYSPAN - LNG PLANT GREENPOINT Class Code: Significant threat to the public health or environment - action required.	287 MASPETH AVE	E 1/2 - 1 (0.782 mi.)	AK176	522
REVIEW AVENUE DEVELOPMENT II Class Code: Significant threat to the public health or environment - action required.	37-80 REVIEW AVE	NE 1/2 - 1 (0.960 mi.)	AL180	557
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BQE/ANSBACHER COLOR & DYE FACT Class Code: Does not present a significant threat to the public health or the environment - action may be deferred.	MEEKER AVENUE	SW 1/2 - 1 (0.555 mi.)	170	507
K - WILLIAMSBURG WORKS	KENT AVE & 12TH STREET	WNW 1/2 - 1 (0.653 mi.)	173	520

EXECUTIVE SUMMARY

VAPOR REOPENED: "Vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying or adjacent buildings. The subsurface source can either be contaminated groundwater or contaminated soil which releases vapors into the pore spaces in the soil. Improvements in analytical techniques and knowledge gained from site investigations in New York and other states has led to an increased awareness of soil vapor as a medium of concern and of the potential for exposures from the soil vapor intrusion pathway. Based on this additional information, 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.

A review of the VAPOR REOPENED list, as provided by EDR, and dated 01/01/2013 has revealed that there is 1 VAPOR REOPENED site 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>
QUANTA RESOURCES	37-80 REVIEW AVENUE	NE 1/2 - 1 (0.960 mi.)	AL179	556

State and tribal leaking storage tank lists

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 LTANKS list, as provided by EDR, and dated 02/19/2013 has revealed that there are 21 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>
UNITED AMBULETTE Date Closed: 5/3/2005	495 GRAHAM AVE	SE 0 - 1/8 (0.034 mi.)	B13	28
BERKMAN BROTHERS Date Closed: 3/31/1993	55 ECKFORD STREET	NW 0 - 1/8 (0.097 mi.)	H40	73
MOBIL OIL CORP SS #FX9 101 ECKFORD ST Date Closed: 11/22/2006	550 HUMBOLDT ST 101 ECKFORD ST	ESE 1/8 - 1/4 (0.127 mi.) NNW 1/8 - 1/4 (0.191 mi.)	M76 Y112	182 300
MEEKER DISCOUNT MUFFLERS Date Closed: 8/5/2010	64 FROST ST	SW 1/4 - 1/2 (0.263 mi.)	145	382
DELI Date Closed: 3/14/2001	112 NASSAU AVE	NNW 1/4 - 1/2 (0.280 mi.)	AG146	391
ALBERTS PLATING WORKS BEADEL S Date Closed: 1/25/2006	32 BEADEL ST	E 1/4 - 1/2 (0.377 mi.)	152	419
RESIDENCE Date Closed: 2/4/2005	243 JACKSON STREET	SE 1/4 - 1/2 (0.406 mi.)	154	424
RESIDENCE Date Closed: 2/21/2006	92 NORMAN AVE	NW 1/4 - 1/2 (0.416 mi.)	155	429
EXXONMOBIL Date Closed: 1/9/1997	546 MORGAN AVENUE	ENE 1/4 - 1/2 (0.430 mi.)	156	430
COOPER PARK -NYCHA Date Closed: 9/14/2009 Date Closed: 6/10/2008 <i>*Additional key fields are available in the Map Findings section</i>	295 JACKSON ST	ESE 1/4 - 1/2 (0.453 mi.)	AI159	448
SHELL OIL CO Date Closed: 4/30/1991	2 BUSHWICK AVE	SSE 1/4 - 1/2 (0.480 mi.)	AJ161	455

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MERIT OIL CORP Date Closed: 11/22/1994	810 METROPOLITAN AVE	SSE 1/4 - 1/2 (0.484 mi.)	AJ163	466
METROPOLITAN AVE/MERRIT Date Closed: 7/10/1989	METROPOLITAN&BUSHWICK	SSE 1/4 - 1/2 (0.487 mi.)	AJ165	492
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COMMERCIAL PROPERTY TTF Date Closed: 9/26/2006	498 LEONARD ST	NW 1/8 - 1/4 (0.151 mi.)	Q87	230
GAS STATION Date Closed: 12/16/2003	392 LEONARD STREET	SSW 1/8 - 1/4 (0.185 mi.)	U109	293
ENGINE COMPANY 229 68 RICHARDSON STREET Date Closed: 6/11/2001	75 RICHARDSON ST 68 RICHARDSON STREET	SW 1/8 - 1/4 (0.197 mi.) SW 1/8 - 1/4 (0.213 mi.)	AB118 AB131	325 356
UNKNOWN GAS STATION Date Closed: 10/25/2005	2 ROBLING ST	WSW 1/4 - 1/2 (0.328 mi.)	149	397
AUTOMOTIVE TRADES H.S. - BROOK Date Closed: 3/21/2005 Date Closed: 3/22/2011	50 BEDFORD AVENUE	WNW 1/4 - 1/2 (0.350 mi.)	AH150	401
NASH METALWARE CO, INC Date Closed: 5/11/2009	1 NASSAU AVENUE	WNW 1/4 - 1/2 (0.442 mi.)	157	436

HIST LTANKS: 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.

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 17 HIST 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>
55 ECKFORD ST. Date Closed: 03/31/93	55 ECKFORD ST.	NW 0 - 1/8 (0.097 mi.)	H38	68
MOBIL S/S 6625 HAMBOLDT STREET Date Closed: 02/17/93	550 HUMBOLDT STREET 625 HAMBOLDT STREET	E 0 - 1/8 (0.102 mi.) NNE 1/8 - 1/4 (0.234 mi.)	J55 143	105 378
MEEKER DISCOUNT MUFFLERS ADAMS DELI Date Closed: 03/14/01	64 FROST ST 112 NASSAU AVE	SW 1/4 - 1/2 (0.263 mi.) NNW 1/4 - 1/2 (0.280 mi.)	145 AG147	382 395
COOPER PARK Date Closed: 03/29/96	95 JACKSON STREET	S 1/4 - 1/2 (0.301 mi.)	148	396
SUNOCO S/S - BKLN EXXONMOBIL Date Closed: 01/09/97	51 KINGSLAND AV 546 MORGAN AVENUE	ESE 1/4 - 1/2 (0.392 mi.) ENE 1/4 - 1/2 (0.430 mi.)	153 156	423 430
COOPER PARK HOUSES Date Closed: 03/29/96	295 JACKSON STREET	ESE 1/4 - 1/2 (0.453 mi.)	AI158	441
COOPER PARK HOUSING	295 JACKSON ST	ESE 1/4 - 1/2 (0.453 mi.)	AI160	454

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
2 BUSHWICK AVE/SHELL SERV Date Closed: 04/30/91	2 BUSHWICK AVENUE	SSE 1/4 - 1/2 (0.480 mi.)	AJ162	462
810 METROPOLITAN AVE Date Closed: 11/22/94	810 METROPOLITAN AVENUE	SSE 1/4 - 1/2 (0.484 mi.)	AJ164	491
METROPOLITAN AVE/MERRIT Date Closed: 07/10/89	METROPOLITAN&BUSHWICK	SSE 1/4 - 1/2 (0.487 mi.)	AJ165	492
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ENGINE COMPANY 229 68 RICHARDSON STREET Date Closed: 06/11/01	75 RICHARDSON ST 68 RICHARDSON STREET	SW 1/8 - 1/4 (0.197 mi.) SW 1/8 - 1/4 (0.213 mi.)	AB118 AB131	325 356
UNKNOWN GAS STATION PS 610	2 ROBLING ST 50 BEDFORD AVE	WSW 1/4 - 1/2 (0.328 mi.) WNW 1/4 - 1/2 (0.350 mi.)	149 AH151	397 418

State and tribal registered storage tank lists

TANKS: 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.

A review of the TANKS list, as provided by EDR, and dated 01/02/2013 has revealed that there is 1 TANKS site 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>
NYCDEP	75 FROST ST	SSW 1/8 - 1/4 (0.242 mi.)	144	380

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 UST list, as provided by EDR, and dated 01/02/2013 has revealed that there are 14 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>
TRICO ELECTRICAL CORP.	495 GRAHAM AVE	SE 0 - 1/8 (0.034 mi.)	B12	26
MOBIL OIL CORP SS #FX9	550 HUMBOLDT ST	ESE 1/8 - 1/4 (0.127 mi.)	M76	182
DRASON ENTERPRISE INC.	28 HERBERT STREET	SE 1/8 - 1/4 (0.158 mi.)	T93	251
ST. PAULS CENTER	484 HUMBOLDT STREET	SE 1/8 - 1/4 (0.217 mi.)	134	363
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ALL AMERICAN INSTALLATIONS, IN	510 MANHATTAN AVE	WNW 0 - 1/8 (0.105 mi.)	L57	108
474 LEONARD STREET, LLC	474 LEONARD STREET	WNW 1/8 - 1/4 (0.126 mi.)	O74	178
BRUMAR SHEET METAL	498 LEONARD STREET	NW 1/8 - 1/4 (0.154 mi.)	Q89	240
ISRAEL M DOLGIN ASSOC	101 RICHARDSON STREET	SSW 1/8 - 1/4 (0.167 mi.)	U97	257
D L BRENNER & SONS INC	407 LEONARD ST	SSW 1/8 - 1/4 (0.169 mi.)	W101	263
278 FUEL STOP, INC.	392 LEONARD STREET	SSW 1/8 - 1/4 (0.185 mi.)	U106	278
MCCARREN PARK POOL	776 LORIMER STREET	WSW 1/8 - 1/4 (0.195 mi.)	AA117	322
FDNY ENGINE 229 / LADDER 146	75 RICHARDSON STREET	SW 1/8 - 1/4 (0.197 mi.)	AB119	330
INTER MASTER CORP	387 MANHATTAN AVE.	S 1/8 - 1/4 (0.206 mi.)	129	351

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
68-70 RICHARDSON STREET CO.	68-70 RICHARDSON STREET	SW 1/8 - 1/4 (0.213 mi.)	AB132	358

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 AST list, as provided by EDR, and dated 01/02/2013 has revealed that there are 12 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>
534 GRAHAM AVENUE HDFC	534 GRAHAM AVENUE	NNW 0 - 1/8 (0.045 mi.)	C14	29
44 ECKFORD ST	55 ECKFORD STREET	NW 0 - 1/8 (0.097 mi.)	H39	71
ROY'S REBUILT & ALTERNATORS	75 ECKFORD STREET	NNW 1/8 - 1/4 (0.134 mi.)	P77	217
162ND PRECINCT	43 HERBERT STREET	ESE 1/8 - 1/4 (0.172 mi.)	X104	276
ST. STANISLAUS KOSTKA RC CHURCH	185 DRIGGS AVENUE (607	NNE 1/8 - 1/4 (0.204 mi.)	125	343

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
I S 126	424 LEONARD ST	SW 0 - 1/8 (0.123 mi.)	N72	158
A-I AUTO REPAIRS INC.	392 LEONARD STREET	SSW 1/8 - 1/4 (0.185 mi.)	U107	290
FDNY ENGINE 229 / LADDER 146	75 RICHARDSON STREET	SW 1/8 - 1/4 (0.197 mi.)	AB120	332
E. CUCKER INC.	320 DRIGGS AVENUE	WNW 1/8 - 1/4 (0.205 mi.)	128	349
ALL BORO	391 LEONARD STREET	SSW 1/8 - 1/4 (0.206 mi.)	130	354
AINTSAR REALTY	735 LORIMER STREET	SW 1/8 - 1/4 (0.220 mi.)	AF135	366
31 DIAMOND STV BKL YN NY	31 DIAMOND STREET	N 1/8 - 1/4 (0.222 mi.)	AC137	371

CBS AST: 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 CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 CBS 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>
55 ECKFORD ST.	55 ECKFORD ST.	NW 0 - 1/8 (0.097 mi.)	H38	68
CARTER SPRAY FINISHING CORP	65 ECKFORD ST	NW 0 - 1/8 (0.116 mi.)	H63	126

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 CBS list, as provided by EDR, and dated 01/02/2013 has revealed that there are 2 CBS 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>
BERKMAN BROTHERS	55 ECKFORD STREET	NW 0 - 1/8 (0.097 mi.)	H40	73
CARTER SPRAY FINISHING CORP	65 ECKFORD ST	NW 0 - 1/8 (0.116 mi.)	H63	126

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

DEL SHWS: A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

A review of the DEL SHWS list, as provided by EDR, and dated 02/19/2013 has revealed that there are 4 DEL 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>
CITY BARREL CO.	421-429 MEEKER STREET	SSE 0 - 1/8 (0.099 mi.)	I51	100
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL OIL BROOKLYN TERMINAL	300 NORTH HENRY STREET	NNE 1/2 - 1 (0.628 mi.)	172	518
FORMER MANHATTAN ADHESIVES PLA	425-459 GREENPOINT AVEN	NNE 1/2 - 1 (0.873 mi.)	177	544
BCF OIL REFINING, INC.	360 MASPETH AVENUE	E 1/2 - 1 (0.890 mi.)	178	546

Local Lists of Registered Storage Tanks

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 HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 10 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>
MOBIL OIL CORP SS #FX9	550 HUMBOLDT ST	ESE 1/8 - 1/4 (0.127 mi.)	M76	182
DRASON ENTERPRISE INC.	28 HERBERT STREET	SE 1/8 - 1/4 (0.158 mi.)	T93	251
JAN & JANNA ROTH	19 DIAMOND ST	NNE 1/8 - 1/4 (0.202 mi.)	AC122	339
ST. PAULS CENTER	484 HUMBOLDT STREET	SE 1/8 - 1/4 (0.217 mi.)	134	363
NYCDEP	75 FROST ST	SSW 1/8 - 1/4 (0.242 mi.)	144	380
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
D L BRENNER & SONS INC	407 LEONARD ST	SSW 1/8 - 1/4 (0.169 mi.)	W101	263
278 FUEL STOP, INC.	392 LEONARD STREET	SSW 1/8 - 1/4 (0.185 mi.)	U106	278
FDNY ENGINE 229 / LADDER 146	75 RICHARDSON STREET	SW 1/8 - 1/4 (0.197 mi.)	AB120	332
68-70 RICHARDSON STREET CO.	68-70 RICHARDSON STREET	SW 1/8 - 1/4 (0.213 mi.)	AB132	358
AINTSAR REALTY	735 LORIMER STREET	SW 1/8 - 1/4 (0.220 mi.)	AF135	366

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 02/19/2013 has revealed that there are

EXECUTIVE SUMMARY

13 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>
COMMERCIAL PROPERTY Date Closed: 7/25/2005	120 NEWTON AVENUE	ESE 0 - 1/8 (0.002 mi.)	A7	17
CHLORINE FACTORY Date Closed: 2/12/2003	126 NEWTON ST	ESE 0 - 1/8 (0.003 mi.)	A9	20
GREEN POINT CAR WASH, INC. Date Closed: 9/13/2007	(AKA AUTOCLEAN CARWASH,N	0 - 1/8 (0.064 mi.)	32	58
GREENPOINT Date Closed: 9/16/2004	NEWTOWN & MEEKER/ROADWAY	E 0 - 1/8 (0.076 mi.)	35	64
FORMER GAS Date Closed: 1/15/2008	550 HUMBOLT ST	E 0 - 1/8 (0.100 mi.)	J52	102
MANHOLE 55946B Date Closed: 1/29/2004	HUMBOLT ST MCGUINNESS STE	0 - 1/8 (0.111 mi.)	J60	117
MANHOLE #55946B Date Closed: 2/3/2004	HUMBOLD & MCCIBNEY ST	E 0 - 1/8 (0.111 mi.)	J61	119
BROOKLYN QUEENS EXP Date Closed: 5/20/2002	MEEKER/MCGUINNESS	E 0 - 1/8 (0.112 mi.)	J62	122
MEEKER AVE/MCGUINNESS BLVD Date Closed: 8/25/2000	MEEKER AVE/MCGUINNESS BLE	SE 0 - 1/8 (0.120 mi.)	M65	146
BROOKLYN QUEENS EXPRESSWA Date Closed: 4/29/2003	AND HUMBLE STREET	ESE 0 - 1/8 (0.120 mi.)	M66	148
MCGUINNESS BLVD & BQE Date Closed: 10/5/2000	MCGUINNESS BLVD & BQE	ESE 0 - 1/8 (0.120 mi.)	M67	149
IN ROADWAY Date Closed: 11/13/2003	BROOKLYN QUEENS EXPRESS	ESE 0 - 1/8 (0.120 mi.)	M68	151
BROOKLYN/QUEENS EXPWY Date Closed: 2/24/2003	AND MCGINNIS BLVD	ESE 0 - 1/8 (0.120 mi.)	M69	152

NY Hist Spills: 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.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there are 8 NY Hist 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>
CHLORINE FACTORY	126 NEWTON ST	ESE 0 - 1/8 (0.003 mi.)	A9	20
GREENPOINT	NEWTOWN & MEEKER/ROADWAY	E 0 - 1/8 (0.076 mi.)	35	64
MANHOLE 55946B	HUMBOLT ST MCGUINNESS STE	0 - 1/8 (0.111 mi.)	J60	117
MANHOLE #55946B	HUMBOLD & MCCIBNEY ST	E 0 - 1/8 (0.111 mi.)	J61	119
BROOKLYN QUEENS EXP	MEEKER/MCGUINNESS	E 0 - 1/8 (0.112 mi.)	J62	122
MEEKER AVE/MCGUINNESS BLVD	MEEKER AVE/MCGUINNESS BLE	SE 0 - 1/8 (0.120 mi.)	M65	146
MCGUINNESS BLVD & BQE	MCGUINNESS BLVD & BQE	ESE 0 - 1/8 (0.120 mi.)	M67	149
BROOKLYN/QUEENS EXPWY	AND MCGINNIS BLVD	ESE 0 - 1/8 (0.120 mi.)	M69	152

EXECUTIVE SUMMARY

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 02/12/2013 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>
<i>CITY BARREL & DRUM CO INC</i>	<i>421 MEEKER AVE</i>	<i>SSE 0 - 1/8 (0.098 mi.)</i>	<i>I46</i>	<i>94</i>
<i>MOBIL OIL CORP SS #FX9</i>	<i>550 HUMBOLDT ST</i>	<i>ESE 1/8 - 1/4 (0.127 mi.)</i>	<i>M76</i>	<i>182</i>
<i>CON EDISON MANHOLE M64806</i>	<i>GRAHAM AVE & DRIGGS ST</i>	<i>NNW 1/8 - 1/4 (0.146 mi.)</i>	<i>R84</i>	<i>225</i>
<i>CARTER SPRAY FINISHING CORP</i>	<i>257 DRIGGS AVE</i>	<i>NNW 1/8 - 1/4 (0.153 mi.)</i>	<i>P88</i>	<i>235</i>
<i>CON EDISON MANHOLE 4916</i>	<i>GRAHAM AVE & FROST ST</i>	<i>SSE 1/8 - 1/4 (0.202 mi.)</i>	<i>AD123</i>	<i>341</i>
<i>CON EDISON MANHOLE 64805</i>	<i>MEEKER AVE & FROST ST</i>	<i>SSW 1/8 - 1/4 (0.205 mi.)</i>	<i>AE126</i>	<i>346</i>
<i>A J S PUMPING CO</i>	<i>104 N HENRY ST</i>	<i>ENE 1/8 - 1/4 (0.221 mi.)</i>	<i>136</i>	<i>370</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>H T JEWELRY MFG CO INC</i>	<i>477 LEONARD ST</i>	<i>WNW 0 - 1/8 (0.122 mi.)</i>	<i>L70</i>	<i>154</i>
<i>LVSTIG BROS INC</i>	<i>501 LEONARD ST</i>	<i>NW 1/8 - 1/4 (0.160 mi.)</i>	<i>Q95</i>	<i>254</i>
<i>GRAF AIR PROPERTY</i>	<i>407 LEONARD ST</i>	<i>SSW 1/8 - 1/4 (0.169 mi.)</i>	<i>W102</i>	<i>272</i>
<i>NYC FIRE DEPT ENGINE CO 229</i>	<i>75 RICHARDSON ST</i>	<i>SW 1/8 - 1/4 (0.197 mi.)</i>	<i>AB121</i>	<i>338</i>

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 HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there is 1 HSWDS site 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>
<i>CITY BARREL</i>	<i>421 MEEKER STREET</i>	<i>SSE 0 - 1/8 (0.098 mi.)</i>	<i>I45</i>	<i>93</i>

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

A review of the MANIFEST list, as provided by EDR, and dated 02/01/2013 has revealed that there are 19 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>
<i>BERKMAN BROTHERS</i>	<i>55 ECKFORD STREET</i>	<i>NW 0 - 1/8 (0.097 mi.)</i>	<i>H40</i>	<i>73</i>
<i>CONSOLIDATED EDISON</i>	<i>BROOME ST & GRAHAM AVE</i>	<i>NNW 0 - 1/8 (0.105 mi.)</i>	<i>56</i>	<i>107</i>
<i>CARTER SPRAY FINISHING CORP</i>	<i>65 ECKFORD ST</i>	<i>NW 0 - 1/8 (0.116 mi.)</i>	<i>H63</i>	<i>126</i>
<i>CONSOLIDATED EDISON</i>	<i>DRIGGS AVE & GRAHAM AVE</i>	<i>NNW 1/8 - 1/4 (0.146 mi.)</i>	<i>R83</i>	<i>224</i>

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CON EDISON MANHOLE M64806	GRAHAM AVE & DRIGGS ST	NNW 1/8 - 1/4 (0.146 mi.)	R84	225
CONSOLIDATED EDISON	HUMBOLDT ST & BROOME ST	ENE 1/8 - 1/4 (0.148 mi.)	S86	229
VANITY CLEANERS	258 DRIGGS AVENUE	NNW 1/8 - 1/4 (0.155 mi.)	P90	242
CONSOLIDATED EDISON	HUMBOLT ST & HERBERT ST	ESE 1/8 - 1/4 (0.163 mi.)	T96	256
CONSOLIDATED EDISON	RUSSELL ST & ENGERT AVE	ENE 1/8 - 1/4 (0.167 mi.)	V99	261
CON EDISON MANHOLE 4916	GRAHAM AVE & FROST ST	SSE 1/8 - 1/4 (0.202 mi.)	AD123	341
CONSOLIDATED EDISON	MEEKER AVE AND FROST ST	SSW 1/8 - 1/4 (0.205 mi.)	AE127	348
NYCDEP	75 FROST ST	SSW 1/8 - 1/4 (0.242 mi.)	144	380

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
H T JEWELRY MFG CO INC	477 LEONARD ST	WNW 0 - 1/8 (0.122 mi.)	L70	154
NYC BD OF ED - IS 126K	424 LEONARD ST	SW 0 - 1/8 (0.123 mi.)	N73	163
CONSOLIDATED EDISON	BAYARD ST & LEONARD ST	SW 1/8 - 1/4 (0.144 mi.)	81	222
D L BRENNER & SONS INC	407 LEONARD ST	SSW 1/8 - 1/4 (0.169 mi.)	W101	263
BAYARD HOUSE LLC	60-64 BAYARD STREET	SW 1/8 - 1/4 (0.192 mi.)	Z114	307
NYC DEPT OF PARKS	776 LORIMER STREET	WSW 1/8 - 1/4 (0.195 mi.)	AA115	320
CONSOLIDATED EDISON MH4428	MH4428 40 NEWELL ST	N 1/8 - 1/4 (0.228 mi.)	142	377

DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the DRYCLEANERS list, as provided by EDR, and dated 01/18/2013 has revealed that there is 1 DRYCLEANERS site 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>
VANITY CLEANERS	258 DRIGGS AVENUE	NNW 1/8 - 1/4 (0.155 mi.)	P90	242

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 E DESIGNATION list, as provided by EDR, and dated 12/10/2012 has revealed that there are 30 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 11,TAXBLOCK 2719	122 NEWTON STREET	0 - 1/8 (0.000 mi.)	A6	15
LOT 14,TAXBLOCK 2719	126 NEWTON STREET	ESE 0 - 1/8 (0.003 mi.)	A8	18
LOT 10,TAXBLOCK 2720	516 GRAHAM AVENUE	ENE 0 - 1/8 (0.013 mi.)	A10	22
LOT 9,TAXBLOCK 2720	514 GRAHAM AVENUE	E 0 - 1/8 (0.014 mi.)	A11	24
LOT 46,TAXBLOCK 2720	167 BAYARD STREET	ESE 0 - 1/8 (0.055 mi.)	B16	33
LOT 45,TAXBLOCK 2720	169 BAYARD STREET	ESE 0 - 1/8 (0.056 mi.)	B21	39
LOT 44,TAXBLOCK 2720	171 BAYARD STREET	ESE 0 - 1/8 (0.057 mi.)	F22	40
LOT 1,TAXBLOCK 2701	540 GRAHAM AVENUE	NNW 0 - 1/8 (0.058 mi.)	C23	42
LOT 43,TAXBLOCK 2720	173 BAYARD STREET	ESE 0 - 1/8 (0.059 mi.)	F24	44
LOT 41,TAXBLOCK 2720	177 BAYARD STREET	ESE 0 - 1/8 (0.062 mi.)	F26	48
LOT 2,TAXBLOCK 2701	542 GRAHAM AVENUE	NNW 0 - 1/8 (0.063 mi.)	C29	52
LOT 19,TAXBLOCK 2720	179 BAYARD STREET	ESE 0 - 1/8 (0.064 mi.)	F30	54
LOT 13,TAXBLOCK 2714	100 ENGERT AVENUE	NW 0 - 1/8 (0.064 mi.)	31	55
LOT 34,TAXBLOCK 2724	419 MEEKER AVENUE	SSE 0 - 1/8 (0.098 mi.)	I42	88
LOT 30,TAXBLOCK 2724	435 MEEKER AVENUE	SE 0 - 1/8 (0.098 mi.)	I43	89
LOT 1,TAXBLOCK 2724	411 MEEKER AVENUE	SSE 0 - 1/8 (0.098 mi.)	I44	91
LOT 37,TAXBLOCK 2724	417 MEEKER AVENUE	SSE 0 - 1/8 (0.098 mi.)	I49	97
LOT 31,TAXBLOCK 2724	433 MEEKER AVENUE	SE 0 - 1/8 (0.098 mi.)	I50	98

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 26,TAXBLOCK 2698	65 ECKFORD STREET	NW 0 - 1/8 (0.116 mi.)	H64	144

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 18,TAXBLOCK 2724	146 BAYARD STREET	SSE 0 - 1/8 (0.055 mi.)	D17	35
LOT 31,TAXBLOCK 2719	143 BAYARD STREET	SSE 0 - 1/8 (0.056 mi.)	D20	37
LOT 33,TAXBLOCK 2714	470 MANHATTAN AVENUE	WSW 0 - 1/8 (0.060 mi.)	E25	45
LOT 32,TAXBLOCK 2719	137 BAYARD STREET	S 0 - 1/8 (0.062 mi.)	D27	50
LOT 12,TAXBLOCK 2724	134 BAYARD STREET	S 0 - 1/8 (0.068 mi.)	G33	61
LOT 10,TAXBLOCK 2724	130 BAYARD STREET	S 0 - 1/8 (0.075 mi.)	G34	62
LOT 1,TAXBLOCK 2713	494 MANHATTAN AVENUE	W 0 - 1/8 (0.076 mi.)	36	66
LOT 7,TAXBLOCK 2724	430 MANHATTAN AVENUE	S 0 - 1/8 (0.101 mi.)	K53	103
LOT 29,TAXBLOCK 2723	417 MANHATTAN AVENUE	S 0 - 1/8 (0.106 mi.)	K58	111
LOT 30,TAXBLOCK 2723	415 MANHATTAN AVENUE	S 0 - 1/8 (0.110 mi.)	K59	114
LOT 1,TAXBLOCK 2697	477 LEONARD STREET	WNW 0 - 1/8 (0.122 mi.)	L71	157

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 3 EDR MGP 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>
WYTHE AVE. (BERRY ST.) STATION	WYTHE AVE., BERRY ST.,	W 1/2 - 1 (0.525 mi.)	169	506
GREENPOINT	287 MASPETH AVENUE	E 1/2 - 1 (0.782 mi.)	AK175	521

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EQUITY WORKS	MASPETH AND VANDERVORTESE	1/2 - 1 (0.720 mi.)	174	521

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

EXECUTIVE SUMMARY

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	413 MEEKER AVE	SSE 0 - 1/8 (0.098 mi.)	I41	87
Not reported	421 MEEKER AVE	SSE 0 - 1/8 (0.098 mi.)	I48	96
Not reported	550 HUMBOLDT ST	E 0 - 1/8 (0.102 mi.)	J54	105
Not reported	75 ECKFORD ST	NNW 1/8 - 1/4 (0.134 mi.)	P78	219
Not reported	498 HUMBOLDT ST	ESE 1/8 - 1/4 (0.189 mi.)	111	299
Not reported	372 MEEKER AVE	SSW 1/8 - 1/4 (0.203 mi.)	AE124	342
Not reported	336 MEEKER AVE	SSW 1/8 - 1/4 (0.228 mi.)	141	376

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	7 NEWTON ST	SW 0 - 1/8 (0.055 mi.)	E18	36
Not reported	7 NEWTON ST	SW 0 - 1/8 (0.055 mi.)	E19	37
Not reported	137 BAYARD ST	S 0 - 1/8 (0.062 mi.)	D28	52
Not reported	434 MANHATTAN AVE	S 0 - 1/8 (0.092 mi.)	G37	68
Not reported	474 LEONARD ST	WNW 1/8 - 1/4 (0.126 mi.)	O75	182
Not reported	391 MEEKER AVE	S 1/8 - 1/4 (0.140 mi.)	79	220
Not reported	136 RICHARDSON ST	S 1/8 - 1/4 (0.143 mi.)	80	221
Not reported	493 LEONARD ST	NW 1/8 - 1/4 (0.146 mi.)	Q82	223
Not reported	501 LEONARD ST	NW 1/8 - 1/4 (0.160 mi.)	Q94	254
Not reported	285 DRIGGS AVE	NW 1/8 - 1/4 (0.178 mi.)	105	278
Not reported	392 LEONARD ST	SSW 1/8 - 1/4 (0.185 mi.)	U108	292
Not reported	61 RICHARDSON ST	SW 1/8 - 1/4 (0.223 mi.)	138	375

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 6 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	489 GRAHAM AVE	SE 0 - 1/8 (0.050 mi.)	B15	33
Not reported	258 DRIGGS AVE	NNW 1/8 - 1/4 (0.155 mi.)	P91	243
Not reported	178 DRIGGS AVE	NNE 1/8 - 1/4 (0.167 mi.)	100	262
Not reported	99 ECKFORD ST	NNW 1/8 - 1/4 (0.186 mi.)	Y110	299
Not reported	425 GRAHAM AVE	SSE 1/8 - 1/4 (0.223 mi.)	AD139	375

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	580 MANHATTAN AVE	NW 1/8 - 1/4 (0.227 mi.)	140	376

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 242 records.

<u>Site Name</u>	<u>Database(s)</u>
NEW TAREK AUTO REPAIR	FINDS, US AIRS
NEW YORK VALET SERVICE	FINDS, US AIRS
NEW YORK POWER AUTHORITY-KENT	TANKS
VERIZON NEW YORK INC-NY-35306	TANKS
39-40 30TH STREET	TANKS
LIRR ARCH STREET YARD AND SHOP	TANKS
NEW YORK POWER AUTHORITY	CBS AST, CBS
NEW YORK CITY BOARD OF ED	FTTS, HIST FTTS
NYSDOT BIN 1076879	MANIFEST
NYSDOT BIN 1066220	FINDS, MANIFEST
GREAT LAKES DREDGE & DOCK	RCRA NonGen / NLR, FINDS, MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
BELL ATLANTIC-NY	MANIFEST
BELL ATLANTIC-NY	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
NYCTA-SYSTEM SAFETY	MANIFEST
NEW YORK CITY DEP	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, MANIFEST
NYNEX	MANIFEST
NEW YORK TELEPHONE COMPANY	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
VERIZON	MANIFEST
NYCDOT C/O KOCH-SKANSKA	RCRA-CESQG, MANIFEST
BELL ATLANTIC-NY	MANIFEST
CONSOLIDATED EDISON	MANIFEST
NYSDOC - MEEKER AVENUE PLUME	MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, MANIFEST
CON EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
MTA NYCT - MESEROLE AVENUE SUBSTAT	MANIFEST
CONSOLIDATED EDISON	MANIFEST
BELL ATLANTIC-NY	MANIFEST
NEW YORK TELEPHONE COMPANY	MANIFEST
NEW YORK TELEPHONE COMPANY-NYNEX	MANIFEST
NEW YORK TELEPHONE COMPANY	MANIFEST
MTA NYCT 29TH STREET VENTILATION F	MANIFEST
NEW YORK ENVELOPE CORP	MANIFEST
NEW YORK CITY TRANSIT AUTHORITY	MANIFEST
NEW YORK CITY PORT AUTHORITY	MANIFEST
CONSOLIDATED WATER CONDITIONING CO	MANIFEST
NEW YORK BLOOD CENTER - LIC	MANIFEST
CONED	RCRA NonGen / NLR, MANIFEST
K - PEOPLES WORKS	SHWS
K - EQUITY WORKS	SHWS
K - PLYMOUTH STATION	SHWS
K - SCHOLLES ST. STATION	SHWS
K - WYTHE AVE. STATION	SHWS
SAM'S SAME DAY DRYCLEANERS	DRYCLEANERS
FORMER BRT RAILROAD CAR BARN	BROWNFIELDS
2 INGRAHAM STREET	BROWNFIELDS

EXECUTIVE SUMMARY

LOT 50,TAXBLOCK 2701	E DESIGNATION
LOT 33,TAXBLOCK 2724	E DESIGNATION
LOT 4,TAXBLOCK 2742	E DESIGNATION
LOT 5,TAXBLOCK 2742	E DESIGNATION
LOT 12,TAXBLOCK 2720	E DESIGNATION
CITYWIDE CESSPOOL COMPANY	SWF/LF, NY Spills, NY Hist
	Spills
LORI CONTRACTING PROCESSING FACILI	SWF/LF
SMITH STREET	SWF/LF, NY Spills, NY Hist
	Spills
HUNTERS POINT RECYCLING; INC.	SWF/LF
WMNY QUEENS REVIEW TRANSFER STATIO	SWF/LF, Financial Assurance
MILL ROAD / BROOKLYN/A&R	LTANKS, HIST LTANKS
MILL AVE. / BROOKLYN, NEW	LTANKS, HIST LTANKS
BERRY STREET REDEVELOPMENT	AST
PUBLIC SCHOOL 196 - BROOKLYN	AST
SAMTONE REALTY	AST, HIST AST
658 GRAND STREET HDFC	AST
96-102 HART STREET	AST
53 HOPE STREET LLC	AST
M. HILLER & SON INC.	AST
39-31 24TH STREET	AST
NEW COMERS HS (Q450)	AST
MTA NYCT 29TH STREET VENTILATION F	RCRA-SQG
CONSOLIDATED EDISON CO OF NEW YORK	RCRA-SQG
WASTE MANAGEMENT OF NEW YORK LLC	RCRA-SQG
DORMITORY AUTHORITY STATE OF NEW Y	RCRA-SQG
NYCDOT - 32ND STREET BRIDGE OVER B	RCRA-LQG
CON EDISON - MANHOLE 8218	RCRA-LQG
CON EDISON - MANHOLE 8330	RCRA-LQG
CON EDISON - MANHOLE 954	RCRA-LQG
NYSDOT BIN 1065449	RCRA-LQG
NYSDOT BIN 1065459	RCRA-LQG
NYSDOT BIN 1065507	RCRA-LQG
NYSDOT BIN 1065590	RCRA-LQG
NYSDOT BIN 106560A	RCRA-LQG
NYSDOT BIN 106560B	RCRA-LQG
NYSDOT BIN 1065609	RCRA-LQG
NYSDOT BIN 1075699	RCRA-LQG
CON EDISON - MANHOLE 4404	RCRA-LQG
CON EDISON - MANHOLE 233	RCRA-LQG
CON EDISON - MANHOLE 60486	RCRA-LQG
NYSDEC MEEKER AVENUE PLUMES	RCRA-LQG
CON EDISON - MANHOLE 75837	RCRA-LQG
NYSDOT CONTRACT D258425	RCRA NonGen / NLR, FINDS
BELL ATLANTIC-NY	RCRA NonGen / NLR
MTA NYCT - MESEROLE AVENUE SUBSTAT	RCRA NonGen / NLR
BELL ATLANTIC-NY	RCRA NonGen / NLR
CON EDISON	RCRA-CESQG
CON EDISON	RCRA-CESQG
CON EDISON	RCRA-CESQG
NEW YORK BLOOD CENTER - LIC	RCRA-CESQG
GRAND STREET	HMIRS
GRAND STREET	HMIRS
GRAND STREET	HMIRS
22ND STREET & 3RD AVE	ERNS
2ND AVENUE AND 29TH STREET	ERNS
4TH AVENUE AND 1ST STREET	ERNS
86TH STREET ON R LINE	ERNS
ASH STREET AND MANHATTAN AVENUE	ERNS
BROOKLYN PIER	ERNS
HOLSEY STREET STATION	ERNS

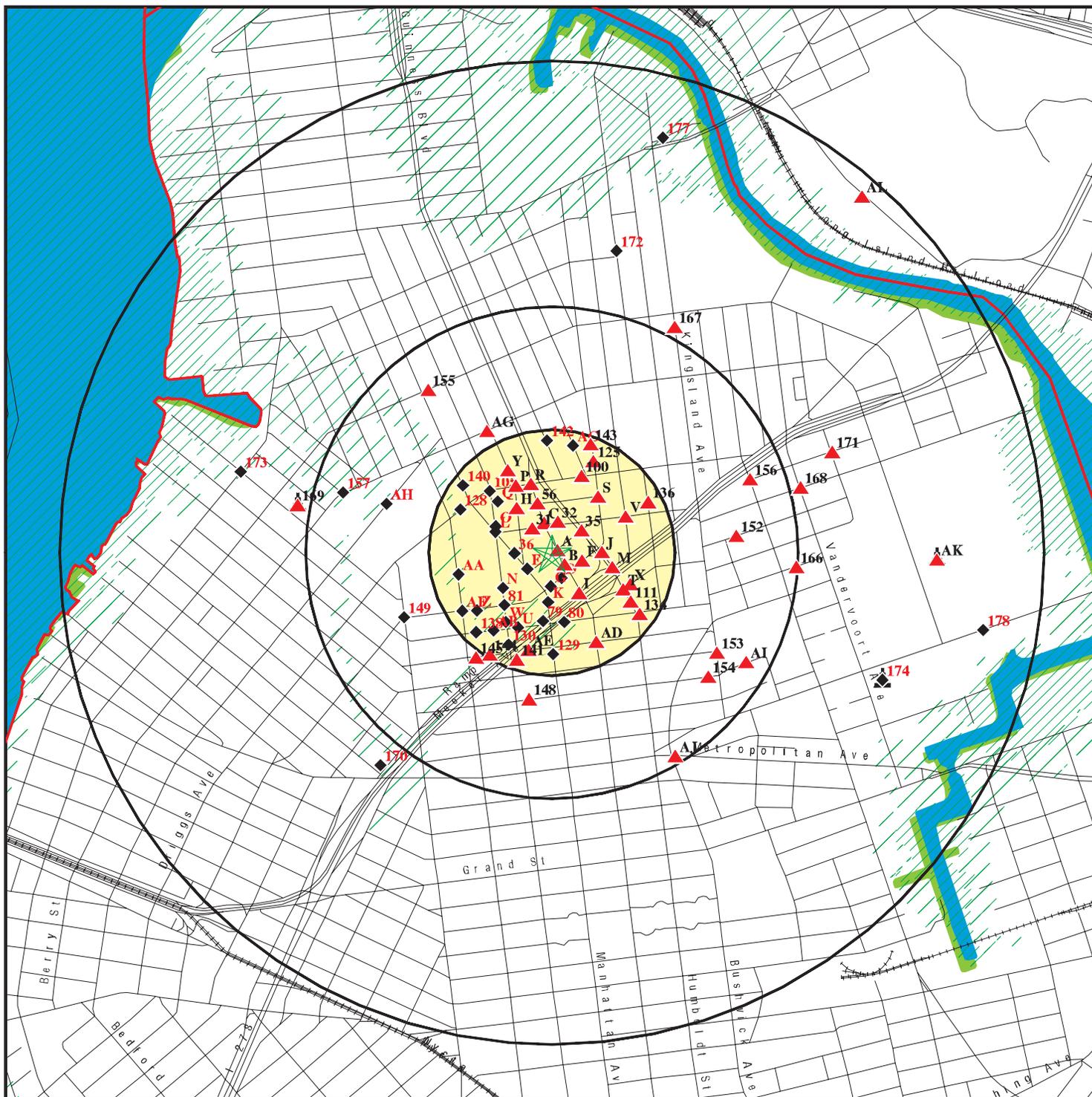
EXECUTIVE SUMMARY

NEW TOWN CREEK/ NEAR POLASKI BRIDG	ERNS
SOUTH OF THE STATION AT HALSEY STR	ERNS
IN FRONT OF THIS ADDRESS 231 VARIC	ERNS
CON ED-11TH STREET CONDUIT	FINDS
COOPER TANK - 215 MOORE STREET	FINDS
NYWT/NEW YORK CITY & BROOKLYN	FINDS
NYC DEP-UPPER NEW YORK BAY	FINDS
VOICE CHARTER SCHOOL OF NEW YORK	FINDS
WASTE MANAGEMENT OF NEW YORK LLC	FINDS
DORMITORY AUTHORITY STATE OF NEW Y	FINDS
NEW YORK BLOOD CENTER - LIC	FINDS
NEW YORK PAVING/REVIEW AVE	FINDS
JONES MOTORS	DEL SHWS
N3 AND N4TH STREET	NY Spills, NY Hist Spills
531 144TH STREET	NY Spills, NY Hist Spills
14 AVE. & 15TH STREET	NY Spills, NY Hist Spills
TANKER ON STREET	NY Spills
EAST 18TH STREET	NY Spills
NEW YORK HARBOUR	NY Spills, NY Hist Spills
EAST 26TH STREET	NY Spills, NY Hist Spills
HENDRIX STREET / 26TH WAR	NY Spills, NY Hist Spills
SOUTH 2ND STREET	NY Spills, NY Hist Spills
36TH STREET	NY Spills, NY Hist Spills
54 STREET/VERNON BLVD	NY Spills, NY Hist Spills
DIESEL SPILL TO STREET	NY Spills
EAST 83RD STREET SUB STATION	NY Spills
IN THE STREET	NY Spills
BROOKLYN PIER 3	NY Spills, NY Hist Spills
BROOKLYN	NY Spills
ALL OVER BROOKLYN	NY Spills
BETW/AVE X &	NY Spills
AVE Z AND KNAPP STREET	NY Spills, NY Hist Spills
NEW YORK HARBOR	NY Spills
EAST RIVER MANHATTAN BR	NY Spills, NY Hist Spills
GMD SHIPYARD/BROOKLYN NAVY YARD	NY Spills
BROOKLYN QUEENS EXPRSS.	NY Spills
BROOKLYN QUEENS EXPY/KOSCIUSZKO BR	NY Spills
BROOKLYN CRUISE TERMINAL	NY Spills
BROOKLYN/QUEENS EXPWY	NY Spills, NY Hist Spills
BROOKLYN RED HOOK SHIPPCH	NY Spills, NY Hist Spills
BROOKLYN, KINGS	NY Spills, NY Hist Spills
BROOKLYN QUEENS EXPRESSWAY @ BEDFO	NY Spills
BQE/TILLARY ROAD SPILL5/1	NY Spills, NY Hist Spills
BQE SADDLE TANK SPILL	NY Spills, NY Hist Spills
IN THE 11ST ST CONDUT	NY Spills
REDHOOK WATER POLLUTION PLANT	NY Spills
NYCT LUBRICATING OIL SPILL	NY Spills
MANHOLE # 667	NY Spills
REGULATOR OH-6	NY Spills
ROADWAY	NY Spills, NY Hist Spills
ROADWAY	NY Spills
STREET BETW PILLING ST/CH	NY Spills
OLD BROOKLYN JEWISH HOSP	NY Spills
KNAPP STREET / CONEY ISLA	NY Spills, NY Hist Spills
IN THE STREET	NY Spills
STREET	NY Spills
278 SOUTH OF NEW TOWN	NY Spills, NY Hist Spills
BROOKLYN CRUISE TERMINAL	NY Spills
AVENUE L EAST43RD STREET	NY Spills, NY Hist Spills
BROOKLYN BRIDGE PARK	NY Spills
GOWANUS P.S. / BROOKLYN	NY Spills, NY Hist Spills
BROOKLYN QUEENS EXPRESS	NY Spills

EXECUTIVE SUMMARY

GRATTAN STREET	NY Spills, NY Hist Spills
HILLARY STREET	NY Spills, NY Hist Spills
STREET	NY Spills
IN THE STREET	NY Spills
ROADWAY	NY Spills
KINGS HIGHWAY MOBIL	NY Spills
KNAPP STREET, CONEY ISLAN	NY Spills, NY Hist Spills
KNAPP STREET	NY Spills
STREET INTERSECTION	NY Spills
MANHOLE 1152	NY Spills
MCGUINNESS BVD/LEONARD ST	NY Spills, NY Hist Spills
ENT TO NEW TOWN CREEK	NY Spills, NY Hist Spills
UNKNOWN	NY Spills, NY Hist Spills
DEP OUTFALL	NY Spills
NEWTOWN CREEK	NY Spills
EXXONMOBIL SYSTEM OUTFLOW	NY Spills
PART OF GREENPOINT STATION	NY Spills
NEW YORK HARBOR	NY Spills, NY Hist Spills
MONTAGUE STREET	NY Spills, NY Hist Spills
IN THE STREET	NY Spills
175 FALMOUTH STREET / BRO	NY Spills, NY Hist Spills
NEW TOWN CREEK	NY Spills
CON ED BROOKLYN BRIDGE	NY Spills, NY Hist Spills
NEW YORK BAY	NY Spills, NY Hist Spills
NEW TOWN CREEK S.T.P. / B	NY Spills, NY Hist Spills
NEWTON CREEK\MEEKER AVE	NY Spills, NY Hist Spills
NORTH MANHATTAN BRIDGE	NY Spills, NY Hist Spills
ROADWAY/NASSAU EXPRESSWAY	NY Spills
69TH STREET & NARROWS / B	NY Spills, NY Hist Spills
NEW TOWN CREEK / DEP NATURE WALK	NY Spills
BROOKLYN NAVY YARD	NY Spills
CHARLIE K (BOAT)	NY Spills
NEW TOWN CREEK	NY Spills
RAMP TO I278	NY Spills, NY Hist Spills
RED HOOK STP / BROOKLYN	NY Spills, NY Hist Spills
E RIVER NEAR MANHATTAN BR	NY Spills, NY Hist Spills
CROSS STREET	NY Spills
VS 4206	NY Spills
NEW YORK HARBOR	NY Spills, NY Hist Spills
IN THE STREET AND SEWER	NY Spills
20TH STREET	NY Spills, NY Hist Spills
VARIOUS LOTS IN BROOKLYN	NY Spills, NY Hist Spills
NEW TOWN CREEK	NY Spills
STREET	NY Spills
218248; YORK STREET AND GREEN LANE	NY Spills
221414; YORK ST	NY Spills
222121; YORK ST	NY Spills
222122; YORK ST	NY Spills
26TH WARD STP. / BROOKLYN	NY Spills, NY Hist Spills
BROOKLYN BATTERY TUNNEL	NY Spills
S. BROOKLYN MARINE TERMINAL	NY Spills
205842; KINGS HWY	NY Spills
207781; LIVONIA AVE & NEW JERSEY A	NY Spills
206847; NEW YORK AVE; M64729	NY Spills
BROOKLYN NAVY YARD	NY Hist Spills
BERRY STREET HOUSING PROJECT	HSWDS
ARCH STREET YARDS (LIRR)	VCP
BROOKLYN UNION GAS CO	DOT OPS
THE BANK OF NEW YORK	HIST AST
CENTRAL DEPOT	HIST UST
37 BRIDGEWATER STREET	HIST UST
49TH STREET SERVICE STATION	HIST UST

OVERVIEW MAP - 3566214.2s



★ 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

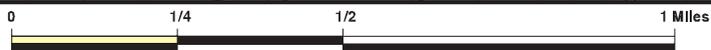
▲ Oil & Gas pipelines from USGS

■ 100-year flood zone

■ 500-year flood zone

■ National Wetland Inventory

■ State Wetlands

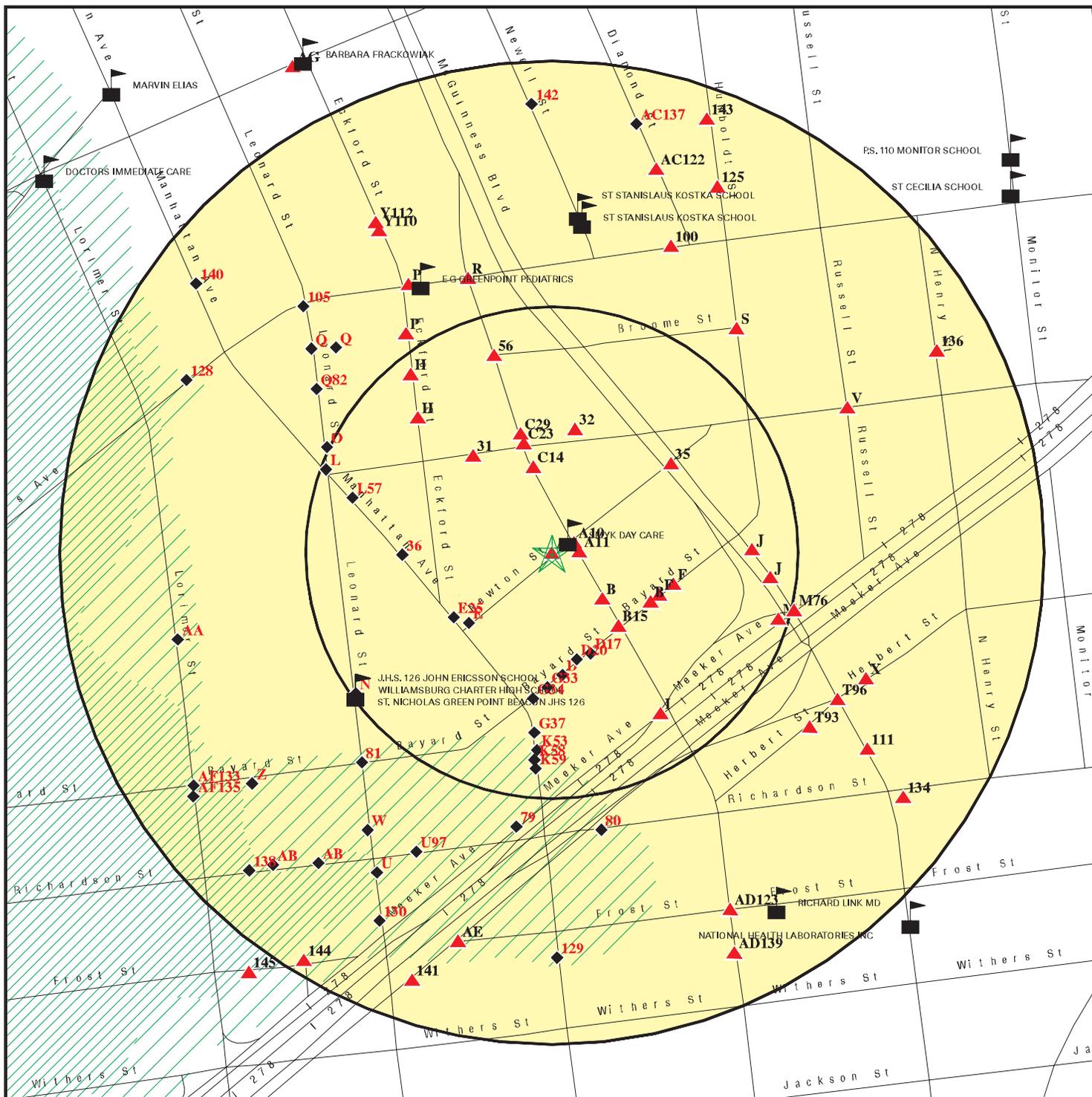


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 119-125 Newton Street, Brooklyn, New York
 ADDRESS: 119 Newton Street
 Brooklyn NY 11222
 LAT/LONG: 40.7207 / 73.9467

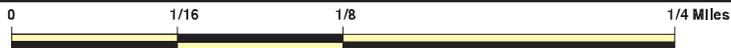
CLIENT: Hydro Tech Env. Corp.
 CONTACT: Alina Jakubowska
 INQUIRY #: 3566214.2s
 DATE: April 03, 2013 4:54 pm

DETAIL MAP - 3566214.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚡ Manufactured Gas Plants
- ⚠ 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



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: 119-125 Newton Street, Brooklyn, New York
 ADDRESS: 119 Newton Street
 Brooklyn NY 11222
 LAT/LONG: 40.7207 / 73.9467

CLIENT: Hydro Tech Env. Corp.
 CONTACT: Alina Jakubowska
 INQUIRY #: 3566214.2s
 DATE: April 03, 2013 4:55 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
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		1	0	0	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	1	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	4	NR	NR	NR	4
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		3	3	NR	NR	NR	6
<i>Federal institutional controls / engineering controls registries</i>								
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
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	1	7	NR	8
VAPOR REOPENED	1.000		0	0	0	1	NR	1
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LTANKS	0.500		2	6	13	NR	NR	21
HIST LTANKS	0.500		2	3	12	NR	NR	17
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
<i>State and tribal registered storage tank lists</i>								
TANKS	0.250		0	1	NR	NR	NR	1
UST	0.250		2	12	NR	NR	NR	14
CBS UST	0.250		0	0	NR	NR	NR	0
MOSF UST	0.500		0	0	0	NR	NR	0
AST	0.250		3	9	NR	NR	NR	12
CBS AST	0.250		2	0	NR	NR	NR	2
MOSF AST	0.500		0	0	0	NR	NR	0
MOSF	0.500		0	0	0	NR	NR	0
CBS	0.250		2	0	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
RES DECL	0.125		0	NR	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
ERP	0.500		0	0	0	NR	NR	0
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		1	0	0	3	NR	4
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
HIST UST	0.250		0	10	NR	NR	NR	10
HIST AST	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
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		13	NR	NR	NR	NR	13
NY Hist Spills	0.125		8	NR	NR	NR	NR	8
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	9	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	3	NR	NR	NR	NR	NR	3
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
HSWDS	0.500		1	0	0	NR	NR	1
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		5	15	NR	NR	NR	20
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
SPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
E DESIGNATION	0.125	2	30	NR	NR	NR	NR	32
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US AIRS	TP	2	NR	NR	NR	NR	NR	2

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	3	NR	3
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MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
EDR US Hist Auto Stat	0.250		7	12	NR	NR	NR	19
EDR US Hist Cleaners	0.250		1	5	NR	NR	NR	6

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

LOT 32,TAXBLOCK 2714 (Continued)

S108076529

Lot Type: 5
 Basement Type Grade: 5
 Land Assessed Value: 0000009450
 Total Assessed Value: 00000026730
 Land Exempt Value: 0000000000
 Total Exempt Value: 0000000000
 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: 0001.00
 Maximum Allowable Far: 03.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027140032
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0998863
 Y Coordinate: 0201786
 Zoning Map: 13A
 Sanborn Map: 304 029
 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

A2 **ELLI INDUSTRIES - 121-125 NEWTON ST**
Target **121-125 NEWTON STREET**
Property **BROOKLYN, NY 11222**

FINDS **1004567975**
US AIRS **N/A**

Site 2 of 11 in cluster A

Actual:
17 ft.

FINDS:

Registry ID: 110001602739

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

ELLI INDUSTRIES - 121-125 NEWTON ST (Continued)

1004567975

AIRS (AFS):

Airs Minor Details:

EPA plant ID: 110001602739
Plant name: ELLI INDUSTRIES - 121-125 NEWTON ST
Plant address: 121-125 NEWTON STREET
BROOKLYN, NY 11222
County: KINGS
Region code: 02
Dunn & Bradst #: Not reported
Air quality cntrl region: 043
Sic code: 2499
Sic code desc: WOOD PRODUCTS, NEC
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

Compliance and Enforcement Major Issues:

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 0904
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELLI INDUSTRIES - 121-125 NEWTON ST (Continued)

1004567975

Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: 0

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

**A3
Target
Property**

**ELLI INDUSTRIES - 121-125 NEWTON ST
121-125 NEWTON STREET
BROOKLYN, NY 11222**

**FINDS 1007755589
N/A**

Site 3 of 11 in cluster A

**Actual:
17 ft.**

FINDS:

Registry ID: 110019179903

Environmental Interest/Information System

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A4
Target
Property

LOT 30,TAXBLOCK 2714
125 NEWTON STREET
BROOKLYN, NY 11222

E DESIGNATION S108076506
N/A

Site 4 of 11 in cluster A

Actual:
17 ft.

E DESIGNATION:
Tax Lot(s): 30
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: 499
Census Block: 2003
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: M1-2/R6A
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/R6A/MX-8
All Components2: Not reported
Split Boundary Indicator: N
Building Class: F9
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: P
Owner Name: SPIEZIO REALTY CORP
Lot Area: 000005000
Total Building Floor Area: 00000004650
Commercial Floor Area: 00000004650
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000250
Factory Floor Area: 00000004400
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: 0050.00
Lot Depth: 0117.67
Building Frontage: 0050.00
Building Depth: 0088.00
Proximity Code: 3
Irregular Lot Code: Y

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 30,TAXBLOCK 2714 (Continued)

S108076506

Lot Type: 5
 Basement Type Grade: 5
 Land Assessed Value: 00000024930
 Total Assessed Value: 00000076050
 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: 0000.93
 Maximum Allowable Far: 03.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027140030
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0998881
 Y Coordinate: 0201825
 Zoning Map: 13A
 Sanborn Map: 304 029
 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

**A5
 Target
 Property**

**AF DOT INTERIOR CORP
 123-125 NEWTON STREET
 BROOKLYN, NY 11222**

**FINDS 1007131342
 US AIRS N/A**

Site 5 of 11 in cluster A

**Actual:
 17 ft.**

FINDS:

Registry ID: 110015784613

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AF DOT INTERIOR CORP (Continued)

1007131342

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: 110004373142
Plant name: AF DOT INTERIOR CORP
Plant address: 123-125 NEWTON STREET
BROOKLYN, NY 11222
County: KINGS
Region code: 02
Dunn & Bradst #: Not reported
Air quality cntrl region: 043
Sic code: 2511
Sic code desc: WOOD HOUSEHOLD FURNITURE
North Am. industrial class: Not reported
NAIC code description: Not reported
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: 030926
Penalty amount: Not reported

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 0904
Air prog code hist file: 0
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: 0
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: 0
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: 0
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: 0
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AF DOT INTERIOR CORP (Continued)

1007131342

Hist compliance date:	1101
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	0

A6
 < 1/8
 1 ft.

**LOT 11,TAXBLOCK 2719
 122 NEWTON STREET
 BROOKLYN, NY 11222**

**E DESIGNATION S108076227
 N/A**

Site 6 of 11 in cluster A

**Relative:
 Higher**

Actual: 17 ft.	E DESIGNATION:	
	Tax Lot(s):	11
	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:	499
	Census Block:	2006
	School District:	14
	City Council District:	33
	Fire Company:	E229
	Health Area:	30
	Police Precinct:	094
	Zone District 1:	M1-2/R6A
	Zone District 2:	Not reported
	Commercial Overlay1:	Not reported
	Commercial Overlay2:	Not reported
	Special Purpose District1:	MX-8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 11,TAXBLOCK 2719 (Continued)

S108076227

Special Purpose District2: Not reported
All Components1: M1-2/R6A/MX-8
All Components2: Not reported
Split Boundary Indicator: N
Building Class: Z9
Land Use Category: Not reported
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: 120 NEWTON STREET LLC
Lot Area: 000003827
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 Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0028.92
Lot Depth: 0100.00
Building Frontage: 0027.00
Building Depth: 0040.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000025740
Total Assessed Value: 00000026100
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: 0000.00
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027190011
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998905
Y Coordinate: 0201636
Zoning Map: 13A
Sanborn Map: 304 029
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 11,TAXBLOCK 2719 (Continued)

S108076227

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
 ESE
 < 1/8
 0.002 mi.
 9 ft.**

**COMMERCIAL PROPERTY
 120 NEWTON AVENUE
 BROOKLYN, NY**

**NY Spills S106720182
 N/A**

Site 7 of 11 in cluster A

**Relative:
 Higher**

SPILLS:

Facility ID: 0408368
 DER Facility ID: 268339
 Facility Type: ER
 Site ID: 333086
 DEC Region: 2
 Spill Date: 10/29/2004
 Spill Number/Closed Date: 0408368 / 7/25/2005
 Spill Cause: Other
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**Actual:
 17 ft.**

SWIS:

Investigator: JMKRIMGO
 Referred To: Not reported
 Reported to Dept: 10/29/2004
 CID: 444
 Water Affected: Not reported
 Spill Source: Institutional, Educational, Gov., Other
 Spill Notifier: Other
 Cleanup Ceased: Not reported
 Cleanup Meets Std: True
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Trust: False
 Remediation Phase: 0
 Date Entered In Computer: 10/29/2004
 Spill Record Last Update: 7/25/2005
 Spiller Name: MR. ANTHONY GERENIO
 Spiller Company: 120 NEWTON STREET, LLC
 Spiller Address: 96-10 ATLANTIC AVENUE
 Spiller City,St,Zip: OZON PARK, NY 11416-1619
 Spiller Company: 001
 Contact Name: MR. ANTHONY GERENIO
 Contact Phone: (718) 641-1098
 DEC Memo: 11/01/04. J.Krimgold spoke to Mr. Romeo Santos (a consultant for the owner). They were called to do phase 1 and 2 site assessment. While excavating a test pit a UST filled with water and dark contaminated soil was found. Also noted a strong sulfuric or methane odor. They took a sample for ID from UST and will analyze soil to ID contamination. Will get back whith results on 11/5/04.03/08/05. J.Krimgold spoke to Danny Singh (718-857-3100)from Don Carlo Env. Serv. Inc. 1,500 tons of contaminated soil was excavated. The size of excavation is ~70x40' to a depth of GW at ~ 11'. They are prePairing a Work Plan to fully investigate (deliniate) area of contamination. Should be ready in 2 weeks. Report also will be send to DEP for rezoning.7/25/05. J.Krimgold reviewed the Pase II Investigation

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COMMERCIAL PROPERTY (Continued)

S106720182

Report submitted on June 2, 2005 by Don Carlo Env. Services, Inc. (718-857-3100). 1523 tons of contaminated soil were removed and disposed of. Post excavation soil and groundwater sampling did not show contaminant levels above TAGM. NFA letter.

Remarks: during excavating found unknown petro. strong odor of petro; had a previous spill in 1998:

Material:

Site ID:	333086
Operable Unit ID:	1095268
Operable Unit:	01
Material ID:	575409
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

A8
ESE
< 1/8
0.003 mi.
15 ft.

LOT 14,TAXBLOCK 2719
126 NEWTON STREET
BROOKLYN, NY 11222
Site 8 of 11 in cluster A

E DESIGNATION **S108076285**
N/A

Relative:
Higher

E DESIGNATION:

Tax Lot(s):	14
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:	499
Census Block:	2006
School District:	14
City Council District:	33
Fire Company:	E229
Health Area:	30
Police Precinct:	094
Zone District 1:	M1-2/R6A
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/R6A/MX-8
All Components2:	Not reported

Actual:
17 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 14,TAXBLOCK 2719 (Continued)

S108076285

Split Boundary Indicator: N
Building Class: E3
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: 126 NEWTON ST., LLC
Lot Area: 000005000
Total Building Floor Area: 0000005000
Commercial Floor Area: 0000005000
Office Floor Area: 0000000000
Retail Floor Area: 0000000000
Garage Floor Area: 0000000000
Storage Floor Area: 0000005000
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: 0100.00
Building Frontage: 0050.00
Building Depth: 0100.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 0000024795
Total Assessed Value: 0000084150
Land Exempt Value: 0000000000
Total Exempt Value: 0000000000
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: 0001.00
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027190014
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998957
Y Coordinate: 0201682
Zoning Map: 13A
Sanborn Map: 304 029
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 14,TAXBLOCK 2719 (Continued)

S108076285

Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

**A9
ESE
< 1/8
0.003 mi.
15 ft.**

**CHLORINE FACTORY
126 NEWTON ST
BROOKLYN, NY
Site 9 of 11 in cluster A**

**NY Spills S103573612
NY Hist Spills N/A**

**Relative:
Higher**

SPILLS:

Facility ID: 9809496
DER Facility ID: 239133
Facility Type: ER
Site ID: 295501
DEC Region: 2
Spill Date: 10/28/1998
Spill Number/Closed Date: 9809496 / 2/12/2003
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.

**Actual:
17 ft.**

SWIS:

Investigator: KGHale
Referred To: Not reported
Reported to Dept: 10/28/1998
CID: 365
Water Affected: Not reported
Spill Source: Commercial/Industrial
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: 10/28/1998
Spill Record Last Update: 2/12/2003
Spiller Name: Not reported
Spiller Company: CHLORINE FACTORY
Spiller Address: 126 NEWTON ST
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 "HALE"02/12/2003- Closed Due To The Nature / Extent Of The Spill Report.

Remarks:

FIRE AT A CHLORINE FACTORY - FIRST REPORTED OEM LIMA 212-374-5500

Material:

Site ID: 295501
Operable Unit ID: 1066764
Operable Unit: 01
Material ID: 316947
Material Code: 0276A
Material Name: CALCIUM
Case No.: 07440702
Material FA: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHLORINE FACTORY (Continued)

S103573612

Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False
Site ID: 295501
Operable Unit ID: 1066764
Operable Unit: 01
Material ID: 316948
Material Code: 0580A
Material Name: HYPOCHLORITE
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

NY Hist Spills:

Region of Spill: 2
Spill Number/Closed Date: 9809496 / Not Closed
Investigator: HALE
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 10/28/1998 18:10
Reported to Dept Date/Time: 10/28/98 18:10
SWIS: 61
Spiller Name: CHLORINE FACTORY
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: 126 NEWTON ST
Spiller City,St,Zip: BROOKLYN, NY
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 01
Spill Notifier: Local Agency
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHLORINE FACTORY (Continued)

S103573612

Corrective action taken.

Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 10/28/98
Date Spill Entered In Computer Data File: Not reported
Update Date: 11/02/98
Is Updated: False

Tank:

Material:

Material Class Type: Hazardous Material
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: CALCIUM
Class Type: CALCIUM
Times Material Entry In File: 13
CAS Number: 07440702
Last Date: 19950815
Material Class Type: Hazardous Material
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: HYPOCHLORITE
Class Type: HYPOCHLORITE
Times Material Entry In File: 8
CAS Number: Not reported
Last Date: Not reported
DEC Remarks: Not reported
Remark: FIRE AT A CHLORINE FACTORY - FIRST REPORTED OEM LIMA 212-374-5500

A10 LOT 10,TAXBLOCK 2720
ENE 516 GRAHAM AVENUE
< 1/8 BROOKLYN, NY 11222
0.013 mi.
66 ft. Site 10 of 11 in cluster A

E DESIGNATION S108076202
N/A

Relative:
Higher

E DESIGNATION:
Tax Lot(s): 10
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: 499
Census Block: 2007
School District: 14
City Council District: 33
Fire Company: E229

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 10,TAXBLOCK 2720 (Continued)

S108076202

Health Area: 30
Police Precinct: 094
Zone District 1: R6B
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: R6B
All Components2: Not reported
Split Boundary Indicator: N
Building Class: G6
Land Use Category: 10
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: GRAHAM AVE REALTY LLC
Lot Area: 000001964
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 Code7
Number of Buildings: 00000
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0020.00
Lot Depth: 0076.00
Building Frontage: 0000.00
Building Depth: 0000.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000014355
Total Assessed Value: 00000014355
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: 02.00
Borough Code: 3
Borough Tax Block And Lot: 3027200010
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999155
Y Coordinate: 0201887
Zoning Map: 13A

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 10,TAXBLOCK 2720 (Continued)

S108076202

Sanborn Map: 304 029
 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

**A11
 East
 < 1/8
 0.014 mi.
 74 ft.**

**LOT 9,TAXBLOCK 2720
 514 GRAHAM AVENUE
 BROOKLYN, NY 11222**

**E DESIGNATION S108076737
 N/A**

Site 11 of 11 in cluster A

**Relative:
 Higher**

E DESIGNATION:
 Tax Lot(s): 9
 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

**Actual:
 18 ft.**

Zoning Map No: 12c, 12d,13a, 13b
 Description: Underground Gasoline Storage Tanks* Testing Protocol.
 Borough Code: BK
 Community District: 301
 Census Tract: 499
 Census Block: 2007
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: R6B
 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: R6B
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: G6
 Land Use Category: 10
 Number of Easements: 0
 Owner, Type of Code: Not reported
 Owner Name: GRAHAM AVE REALTY LLC
 Lot Area: 000001875
 Total Building Floor Area: 00000000000
 Commercial Floor Area: 00000000000
 Office Floor Area: 00000000000
 Retail Floor Area: 00000000000
 Garage Floor Area: 00000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 9,TAXBLOCK 2720 (Continued)

S108076737

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: 00000
Lot Frontage: 0025.00
Lot Depth: 0075.00
Building Frontage: 0025.83
Building Depth: 0010.83
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000013680
Total Assessed Value: 00000013680
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: 0000.00
Maximum Allowable Far: 02.00
Borough Code: 3
Borough Tax Block And Lot: 3027200009
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999147
Y Coordinate: 0201851
Zoning Map: 13A
Sanborn Map: 304 029
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B12
SE
< 1/8
0.034 mi.
182 ft.

TRICO ELECTRICAL CORP.
495 GRAHAM AVE
BROOKLYN, NY 11222

Site 1 of 5 in cluster B

UST **U004129122**
N/A

Relative:
Higher

UST:
Id/Status: 2-069140 / Unregulated
Region: STATE
DEC Region: 2
Program Type: PBS
Expiration Date: N/A
UTM X: 589037.46320999996
UTM Y: 4508229.5883900002

Actual:
18 ft.

Affiliation Records:
Site Id: 1452
Affiliation Type: Mail Contact
Company Name: TRICO ELECTRICAL
Contact Type: Not reported
Contact Name: PETER TRILIVAS
Address1: 495 GRAHAM AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 853-7070
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 12/3/2008

Site Id: 1452
Affiliation Type: On-Site Operator
Company Name: TRICO ELECTRICAL CORP.
Contact Type: Not reported
Contact Name: PETER TRILIVAS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 853-7070
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 12/3/2008

Site Id: 1452
Affiliation Type: Emergency Contact
Company Name: 495 GRAHAM AVENUE LLC
Contact Type: Not reported
Contact Name: CHARLES TRILIVAS
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

TRICO ELECTRICAL CORP. (Continued)

U004129122

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 853-7070
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 12/3/2008

Site Id: 1452
Affiliation Type: Owner
Company Name: 495 GRAHAM AVENUE LLC
Contact Type: OWNER/OPERATOR
Contact Name: PETER TRILIVAS
Address1: 495 GRAHAM AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 853-7070
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 12/3/2008

Tank Info:

Site ID: 1452

Tank Number: 001
Tank ID: 32094
Tank Status: Closed - In Place
Tank Type: Steel/carbon steel
Pipe Model: Not reported

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F07 - Pipe External Protection - Retrofitted Sacrificial Anode
J02 - Dispenser - Suction
B07 - Tank External Protection - Retrofitted Sacrificial Anode
G99 - Tank Secondary Containment - Other
C02 - Pipe Location - Underground/On-ground
H05 - Tank Leak Detection - In-Tank System (ATG)

Install Date: 07/01/1981
Capacity Gallons: 4000
Tightness Test Method: 20
Next Test Date: Not reported
Date Tank Closed: 11/15/2008
Tank Location: 5
Tank Type: Steel/carbon steel
Date Test: 06/01/1997
Registered: True
Modified By: dxliving
Last Modified: 12/03/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B13
SE
< 1/8
0.034 mi.
182 ft.

UNITED AMBULETTE
495 GRAHAM AVE
BROOKLYN, NY
Site 2 of 5 in cluster B

LTANKS **S106737607**
N/A

Relative:
Higher

LTANKS:

Actual:
18 ft.

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
Spiller County: 001
Spiller Contact: BOB
Spiller Phone: (718) 234-0024
Spiller Extention: 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;

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNITED AMBULETTE (Continued)

S106737607

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

**C14
NNW
< 1/8
0.045 mi.
236 ft.**

**534 GRAHAM AVENUE HDFC
534 GRAHAM AVENUE
BROOKLYN, NY 11222
Site 1 of 3 in cluster C**

**AST U003394636
HIST AST N/A**

**Relative:
Higher**

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-466832
Program Type: PBS
UTM X: 588979.02757999999
UTM Y: 4508335.1115199998
Expiration Date: 2013/05/15

**Actual:
18 ft.**

Affiliation Records:

Site Id: 20278
Affiliation Type: Owner
Company Name: 534 GRAHAM AVE HDFC
Contact Type: MANAGING AGENT
Contact Name: IVETTE ALERTE
Address1: 2 KINGSLAND AVE 1ST FL
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-5454

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

534 GRAHAM AVENUE HDFC (Continued)

U003394636

Phone Ext: Not reported
Email: LALERTE@STNICKSALLIANCE.ORG
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2/17/2012

Site Id: 20278
Affiliation Type: Mail Contact
Company Name: 534 GRAHAM AVE HDFC
Contact Type: MANAGING AGENT
Contact Name: IVETTE ALERTE
Address1: 2 KINGSLAND AVE 1ST FL
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-5454
Phone Ext: Not reported
Email: LALERTE@STNICKSALLIANCE.ORG
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2/17/2012

Site Id: 20278
Affiliation Type: On-Site Operator
Company Name: 534 GRAHAM AVENUE HDFC
Contact Type: Not reported
Contact Name: ST NICKS ALLIANCE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 388-5454
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2/17/2012

Site Id: 20278
Affiliation Type: Emergency Contact
Company Name: 534 GRAHAM AVE HDFC
Contact Type: Not reported
Contact Name: IVETTE ALERTE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 388-5454
Phone Ext: 109
Email: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

534 GRAHAM AVENUE HDFC (Continued)

U003394636

Modified By: BVCAMPBE
Date Last Modified: 2/17/2012

Tank Info:

Tank Number: 001
Tank Id: 36924

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 05/01/1920
Capacity Gallons: 1500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: BVCAMPBE
Last Modified: 02/17/2012

HIST AST:

PBS Number: 2-466832
SWIS Code: 6101
Operator: ST. NICHOLAS NPC
Facility Phone: (718) 388-5454
Facility Addr2: 534 GRAHAM AVENUE
Facility Type: Not reported
Emergency: ZULY ROLAN
Emergency Tel: (718) 388-5454
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: 534 GRAHAM AVENUE HDFC
Owner Address: 11-29 CATHERINE STREET 3-FLOOR
Owner City,St,Zip: BROOKLYN, NY 11211
Federal ID: Not reported
Owner Tel: (718) 388-5454
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: SUPER FACILITY MANAGER
Mailing Name: 534 GRAHAM AVENUE
Mailing Address: 534 GRAHAM AVENUE
Mailing Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

534 GRAHAM AVENUE HDFC (Continued)

U003394636

Mailing City,St,Zip: BROOKLYN, NY 11222
Mailing Telephone: (718) 388-5454
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.

Certification Flag: False
Certification Date: 05/21/1998
Expiration: 05/15/2003
Renew Flag: False
Renew Date: Not reported
Total Capacity: 2000
FAMT: True
Facility Screen: Minor Data Missing
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: 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

B15
SE
 < 1/8
 0.050 mi.
 264 ft.

489 GRAHAM AVE
BROOKLYN, NY 11222
Site 3 of 5 in cluster B

EDR US Hist Cleaners **101506623**
 N/A

Relative:
Higher

Actual:
18 ft.

EDR Historical Cleaners:
 Name: SUSANS LAUNDROMAT
 Year: 2010
 Address: 489 GRAHAM AVE

 Name: SUSANS LAUNDROMAT
 Year: 2011
 Address: 489 GRAHAM AVE

 Name: SUSANS LAUNDROMAT
 Year: 2012
 Address: 489 GRAHAM AVE

B16
ESE
 < 1/8
 0.055 mi.
 289 ft.

LOT 46,TAXBLOCK 2720
167 BAYARD STREET
BROOKLYN, NY 11222
Site 4 of 5 in cluster B

E DESIGNATION **S108076626**
 N/A

Relative:
Higher

Actual:
18 ft.

E DESIGNATION:
 Tax Lot(s): 46
 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: 499
 Census Block: 2007
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: R6B
 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: R6B
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: G0
 Land Use Category: 10
 Number of Easements: 0
 Owner, Type of Code: Not reported
 Owner Name: LANZA, PHYLLIS PROTO
 Lot Area: 000002400
 Total Building Floor Area: 0000000883

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 46,TAXBLOCK 2720 (Continued)

S108076626

Commercial Floor Area: 00000000883
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000883
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: 001.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0024.00
Lot Depth: 0100.00
Building Frontage: 0024.00
Building Depth: 0036.67
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000003919
Total Assessed Value: 00000006912
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: 0000.37
Maximum Allowable Far: 02.00
Borough Code: 3
Borough Tax Block And Lot: 3027200046
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999289
Y Coordinate: 0201820
Zoning Map: 13A
Sanborn Map: 304 029
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

D17
SSE
< 1/8
0.055 mi.
289 ft.

LOT 18,TAXBLOCK 2724
146 BAYARD STREET
BROOKLYN, NY 11222

E DESIGNATION **S108076347**
N/A

Site 1 of 4 in cluster D

Relative:
Lower

E DESIGNATION:

Actual:
16 ft.

Tax Lot(s):	18
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:	499
Census Block:	2012
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:	F4
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	CLARK FRANK J
Lot Area:	000008800
Total Building Floor Area:	0000008800
Commercial Floor Area:	0000008800
Office Floor Area:	0000000000
Retail Floor Area:	0000000000
Garage Floor Area:	0000000000
Storage Floor Area:	0000000000
Factory Floor Area:	0000008800
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:	0101.33
Lot Depth:	0096.08
Building Frontage:	0101.00
Building Depth:	0088.00
Proximity Code:	1
Irregular Lot Code:	Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 18,TAXBLOCK 2724 (Continued)

S108076347

Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000044865
Total Assessed Value: 00000069300
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1969
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: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027240018
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999181
Y Coordinate: 0201531
Zoning Map: 13A
Sanborn Map: 304 027
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

**E18
SW
< 1/8
0.055 mi.
291 ft.**

**7 NEWTON ST
BROOKLYN, NY 11222
Site 1 of 3 in cluster E**

**EDR US Hist Auto Stat 1015604060
N/A**

**Relative:
Lower
Actual:
16 ft.**

EDR Historical Auto Stations:
Name: JB AUTO REPAIR
Year: 2006
Address: 7 NEWTON ST

Name: JB AUTO REPAIR
Year: 2007
Address: 7 NEWTON ST

Name: JB AUTO REPAIR
Year: 2008
Address: 7 NEWTON ST

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

E19
SW
< 1/8
0.055 mi.
291 ft.

7 NEWTON ST
BROOKLYN, NY 11222

EDR US Hist Auto Stat **1015603782**
N/A

Site 2 of 3 in cluster E

Relative:
Lower

Actual:
16 ft.

EDR Historical Auto Stations:

Name:	J B AUTO REPAIR
Year:	2000
Address:	7 NEWTON ST
Name:	JB AUTO REPAIR
Year:	2002
Address:	7 NEWTON ST
Name:	JB AUTO REPAIR
Year:	2003
Address:	7 NEWTON ST
Name:	JB AUTO REPAIR
Year:	2004
Address:	7 NEWTON ST
Name:	JB AUTO REPAIR
Year:	2005
Address:	7 NEWTON ST

D20
SSE
< 1/8
0.056 mi.
294 ft.

LOT 31,TAXBLOCK 2719
143 BAYARD STREET
BROOKLYN, NY 11222

E DESIGNATION **S108076520**
N/A

Site 2 of 4 in cluster D

Relative:
Lower

Actual:
16 ft.

E DESIGNATION:

Tax Lot(s):	31
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:	499
Census Block:	2006
School District:	14
City Council District:	33
Fire Company:	E229
Health Area:	30
Police Precinct:	094
Zone District 1:	M1-2/R6A
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/R6A/MX-8
All Components2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 31,TAXBLOCK 2719 (Continued)

S108076520

Split Boundary Indicator: N
Building Class: B9
Land Use Category: 01
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: MARTINEZ JOSEPH
Lot Area: 000001875
Total Building Floor Area: 00000001548
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: 003.00
Residential Units: 00002
Non and Residential Units: 00002
Lot Frontage: 0018.75
Lot Depth: 0100.00
Building Frontage: 0018.75
Building Depth: 0032.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 2
Land Assessed Value: 00000000964
Total Assessed Value: 00000008086
Land Exempt Value: 00000000964
Total Exempt Value: 00000001430
Year Built: 1910
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.83
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027190031
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999034
Y Coordinate: 0201616
Zoning Map: 13A
Sanborn Map: 304 029
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 31,TAXBLOCK 2719 (Continued)

S108076520

Date of Political and Adm Data: 08/2005
 Pluto-Base Map Indicator: 1

**B21
 ESE
 < 1/8
 0.056 mi.
 295 ft.**

**LOT 45,TAXBLOCK 2720
 169 BAYARD STREET
 BROOKLYN, NY 11222**

**E DESIGNATION S108076622
 N/A**

Site 5 of 5 in cluster B

**Relative:
 Higher**

E DESIGNATION:

**Actual:
 18 ft.**

Tax Lot(s): 45
 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: 499
 Census Block: 2007
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: R6B
 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: R6B
 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: LUPOLI THOMAS'
 Lot Area: 000002400
 Total Building Floor Area: 00000002448
 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: 003.00
 Residential Units: 00003
 Non and Residential Units: 00003
 Lot Frontage: 0024.00
 Lot Depth: 0100.00

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 45,TAXBLOCK 2720 (Continued)

S108076622

Building Frontage: 0024.00
 Building Depth: 0040.00
 Proximity Code: 3
 Irregular Lot Code: N
 Lot Type: 5
 Basement Type Grade: 2
 Land Assessed Value: 00000002012
 Total Assessed Value: 00000013478
 Land Exempt Value: 00000002012
 Total Exempt Value: 00000005740
 Year Built: 1910
 Year Built Code: E
 Year Altered1: 0000
 Year Altered2: 0000
 Historic District Name: Not reported
 Landmark Name: Not reported
 Built Floor Area Ratio-Far: 0001.02
 Maximum Allowable Far: 02.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027200045
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0999326
 Y Coordinate: 0201810
 Zoning Map: 13A
 Sanborn Map: 304 029
 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

F22
ESE
< 1/8
0.057 mi.
302 ft.

LOT 44,TAXBLOCK 2720
171 BAYARD STREET
BROOKLYN, NY 11222

E DESIGNATION S108076617
N/A

Site 1 of 4 in cluster F

Relative:
Higher

E DESIGNATION:
 Tax Lot(s): 44
 E-No: E-138
Actual: 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: 499
 Census Block: 2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 44,TAXBLOCK 2720 (Continued)

S108076617

School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: R6B
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: R6B
All Components2: Not reported
Split Boundary Indicator: N
Building Class: F4
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: P
Owner Name: UNDERSEISER, TRACY
Lot Area: 000002050
Total Building Floor Area: 00000002000
Commercial Floor Area: 00000002000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000002000
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: 0020.50
Lot Depth: 0100.00
Building Frontage: 0020.50
Building Depth: 0100.00
Proximity Code: 3
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000011700
Total Assessed Value: 00000034200
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: 0000.98
Maximum Allowable Far: 02.00
Borough Code: 3
Borough Tax Block And Lot: 3027200044
Condominium Number: 00000
Census Tract 2: 0499

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 44,TAXBLOCK 2720 (Continued)

S108076617

X Coordinate: 0999325
 Y Coordinate: 0201848
 Zoning Map: 13A
 Sanborn Map: 304 029
 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

**C23
 NNW
 < 1/8
 0.058 mi.
 304 ft.**

**LOT 1,TAXBLOCK 2701
 540 GRAHAM AVENUE
 BROOKLYN, NY 11222
 Site 2 of 3 in cluster C**

**E DESIGNATION S109318047
 N/A**

**Relative:
 Higher**

E DESIGNATION:
 Tax Lot(s): 1
 E-No: E-138
Actual: Effective Date: 5/11/2005
 Satisfaction Date: Not reported
 Ceqr Number: 04DCP003K
 Ulrup 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: 499
 Census Block: 1004
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: R6B
 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: R6B
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: G7
 Land Use Category: 10
 Number of Easements: 0
 Owner, Type of Code: Not reported
 Owner Name: RUFRANO, ANNA
 Lot Area: 000002580
 Total Building Floor Area: 00000000000
 Commercial Floor Area: 00000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 1,TAXBLOCK 2701 (Continued)

S109318047

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: 00000
Number of Floors: 000.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0020.58
Lot Depth: 0101.33
Building Frontage: 0000.00
Building Depth: 0000.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000017100
Total Assessed Value: 00000017100
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: 02.00
Borough Code: 3
Borough Tax Block And Lot: 3027010001
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999013
Y Coordinate: 0202182
Zoning Map: 13A
Sanborn Map: 304 040
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

F24
ESE
< 1/8
0.059 mi.
309 ft.

LOT 43,TAXBLOCK 2720
173 BAYARD STREET
BROOKLYN, NY 11222

E DESIGNATION **S108076615**
N/A

Site 2 of 4 in cluster F

Relative:
Higher

E DESIGNATION:

Actual:
18 ft.

Tax Lot(s): 43
 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: 499
 Census Block: 2007
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: R6B
 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: R6B
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: F4
 Land Use Category: 06
 Number of Easements: 0
 Owner, Type of Code: Not reported
 Owner Name: UNDERSEISER, TRACY
 Lot Area: 000002050
 Total Building Floor Area: 00000002000
 Commercial Floor Area: 00000002000
 Office Floor Area: 00000000000
 Retail Floor Area: 00000000000
 Garage Floor Area: 00000000000
 Storage Floor Area: 00000000000
 Factory Floor Area: 00000002000
 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: 0020.50
 Lot Depth: 0100.00
 Building Frontage: 0020.00
 Building Depth: 0100.00
 Proximity Code: 3
 Irregular Lot Code: N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 43,TAXBLOCK 2720 (Continued)

S108076615

Lot Type: 5
 Basement Type Grade: 5
 Land Assessed Value: 00000011700
 Total Assessed Value: 00000034200
 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: 0000.98
 Maximum Allowable Far: 02.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027200043
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0999362
 Y Coordinate: 0201833
 Zoning Map: 13A
 Sanborn Map: 304 029
 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

E25
WSW
 < 1/8
 0.060 mi.
 315 ft.

LOT 33,TAXBLOCK 2714
470 MANHATTAN AVENUE
BROOKLYN, NY 11222
 Site 3 of 3 in cluster E

E DESIGNATION **S108076537**
N/A

Relative:
Lower

E DESIGNATION:
 Tax Lot(s): 33
 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: Air Quality - Operable Window Limitations
 Borough Code: BK
 Community District: 301
 Census Tract: 499
 Census Block: 2003
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30

Actual:
16 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 2714 (Continued)

S108076537

Police Precinct: 094
Zone District 1: M1-2/R6A
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/R6A/MX-8
All Components2: Not reported
Split Boundary Indicator: N
Building Class: E3
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: J CLARK
Lot Area: 000010020
Total Building Floor Area: 00000010020
Commercial Floor Area: 00000010020
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000010020
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: 0051.50
Lot Depth: 0117.87
Building Frontage: 0051.50
Building Depth: 0117.87
Proximity Code: 2
Irregular Lot Code: Y
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000049050
Total Assessed Value: 00000076950
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1963
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: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027140033
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998798
Y Coordinate: 0201751
Zoning Map: 13A
Sanborn Map: 304 029

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 2714 (Continued)

S108076537

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

Tax Lot(s): 33
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: 499
Census Block: 2003
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: M1-2/R6A
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/R6A/MX-8
All Components2: Not reported
Split Boundary Indicator: N
Building Class: E3
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: J CLARK
Lot Area: 000010020
Total Building Floor Area: 00000010020
Commercial Floor Area: 00000010020
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000010020
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 33,TAXBLOCK 2714 (Continued)

S108076537

Non and Residential Units: 00001
 Lot Frontage: 0051.50
 Lot Depth: 0117.87
 Building Frontage: 0051.50
 Building Depth: 0117.87
 Proximity Code: 2
 Irregular Lot Code: Y
 Lot Type: 3
 Basement Type Grade: 5
 Land Assessed Value: 00000049050
 Total Assessed Value: 00000076950
 Land Exempt Value: 00000000000
 Total Exempt Value: 00000000000
 Year Built: 1963
 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: 03.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027140033
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0998798
 Y Coordinate: 0201751
 Zoning Map: 13A
 Sanborn Map: 304 029
 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

**F26
 ESE
 < 1/8
 0.062 mi.
 326 ft.**

**LOT 41,TAXBLOCK 2720
 177 BAYARD STREET
 BROOKLYN, NY 11222
 Site 3 of 4 in cluster F**

**E DESIGNATION S108076604
 N/A**

**Relative:
 Higher
 Actual:
 18 ft.**

E DESIGNATION:
 Tax Lot(s): 41
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 41,TAXBLOCK 2720 (Continued)

S108076604

Community District: 301
Census Tract: 499
Census Block: 2007
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: R6B
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: R6B
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: ALEXANDER DE ANGELIS
Lot Area: 000002050
Total Building Floor Area: 00000001980
Commercial Floor Area: 00000001980
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000001980
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: 0020.58
Lot Depth: 0100.00
Building Frontage: 0020.50
Building Depth: 0096.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000011700
Total Assessed Value: 00000035550
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: 0000.97
Maximum Allowable Far: 02.00
Borough Code: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 41,TAXBLOCK 2720 (Continued)

S108076604

Borough Tax Block And Lot: 3027200041
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999388
Y Coordinate: 0201860
Zoning Map: 13A
Sanborn Map: 304 029
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

D27
South
< 1/8
0.062 mi.
329 ft.

LOT 32,TAXBLOCK 2719
137 BAYARD STREET
BROOKLYN, NY 11222

E DESIGNATION S108076530
N/A

Site 3 of 4 in cluster D

Relative:
Lower

E DESIGNATION:
Tax Lot(s): 32
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

Actual:
15 ft.

Zoning Map No: 12c, 12d,13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Borough Code: BK
Community District: 301
Census Tract: 499
Census Block: 2006
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: M1-2/R6A
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/R6A/MX-8
All Components2: Not reported
Split Boundary Indicator: N
Building Class: F4
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: SCANLON KATHLEEN M

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 32,TAXBLOCK 2719 (Continued)

S108076530

Lot Area: 000006750
Total Building Floor Area: 0000006400
Commercial Floor Area: 0000006400
Office Floor Area: 0000000000
Retail Floor Area: 0000000000
Garage Floor Area: 0000000000
Storage Floor Area: 0000000000
Factory Floor Area: 0000006400
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: 0067.50
Lot Depth: 0100.00
Building Frontage: 0067.50
Building Depth: 0095.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000030015
Total Assessed Value: 00000092700
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: 0000.95
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027190032
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999001
Y Coordinate: 0201593
Zoning Map: 13A
Sanborn Map: 304 029
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D28
South
< 1/8
0.062 mi.
329 ft.

137 BAYARD ST
BROOKLYN, NY 11222
Site 4 of 4 in cluster D

EDR US Hist Auto Stat 1015214902
N/A

Relative:
Lower
Actual:
15 ft.

EDR Historical Auto Stations:
Name: C & J COLLISION INCORPORATED
Year: 2000
Address: 137 BAYARD ST
Name: C & J COLLISION INC
Year: 2001
Address: 137 BAYARD ST
Name: C & J COLLISION INC
Year: 2003
Address: 137 BAYARD ST

C29
NNW
< 1/8
0.063 mi.
331 ft.

LOT 2,TAXBLOCK 2701
542 GRAHAM AVENUE
BROOKLYN, NY 11222
Site 3 of 3 in cluster C

E DESIGNATION S109318057
N/A

Relative:
Higher
Actual:
18 ft.

E DESIGNATION:
Tax Lot(s): 2
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: 499
Census Block: 1004
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: R6B
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: R6B
All Components2: Not reported
Split Boundary Indicator: N
Building Class: G7
Land Use Category: 10
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: RUFRANO, ANNA
Lot Area: 000002204
Total Building Floor Area: 0000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 2,TAXBLOCK 2701 (Continued)

S109318057

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: 00000
Number of Floors: 000.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0022.00
Lot Depth: 0100.17
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: 00000014850
Total Assessed Value: 00000014850
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: 02.00
Borough Code: 3
Borough Tax Block And Lot: 3027010002
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998972
Y Coordinate: 0202197
Zoning Map: 13A
Sanborn Map: 304 040
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

F30
ESE
< 1/8
0.064 mi.
336 ft.

LOT 19,TAXBLOCK 2720
179 BAYARD STREET
BROOKLYN, NY 11222

E DESIGNATION **S108076357**
N/A

Site 4 of 4 in cluster F

Relative:
Higher

E DESIGNATION:

Actual:
19 ft.

Tax Lot(s):	19
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:	499
Census Block:	2007
School District:	14
City Council District:	33
Fire Company:	E229
Health Area:	30
Police Precinct:	094
Zone District 1:	R6B
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:	R6B
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F4
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	BALCERZAK WACLAW
Lot Area:	000006300
Total Building Floor Area:	00000006300
Commercial Floor Area:	00000006300
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000006300
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:	00005
Lot Frontage:	0039.96
Lot Depth:	0200.50
Building Frontage:	0039.96
Building Depth:	0200.50
Proximity Code:	3
Irregular Lot Code:	Y

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 19,TAXBLOCK 2720 (Continued)

S108076357

Lot Type: 4
 Basement Type Grade: 5
 Land Assessed Value: 0000032490
 Total Assessed Value: 00000101250
 Land Exempt Value: 0000000000
 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: 02.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027200019
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0999371
 Y Coordinate: 0201938
 Zoning Map: 13A
 Sanborn Map: 304 029
 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

31
 NW
 < 1/8
 0.064 mi.
 336 ft.

**LOT 13,TAXBLOCK 2714
 100 ENGERT AVENUE
 BROOKLYN, NY 11222**

**E DESIGNATION S108076263
 N/A**

**Relative:
 Higher**

E DESIGNATION:
 Tax Lot(s): 13
 E-No: E-138
Actual: 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: Air Quality - Operable Window Limitations
 Borough Code: BK
 Community District: 301
 Census Tract: 499
 Census Block: 2003
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 13,TAXBLOCK 2714 (Continued)

S108076263

Police Precinct: 094
Zone District 1: M1-2/R6A
Zone District 2: R6B
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: MX-8
Special Purpose District2: Not reported
All Components1: M1-2/R6A/MX-8
All Components2: R6B
Split Boundary Indicator: Y
Building Class: G9
Land Use Category: 07
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: GREENPOINT TRUCK CENT
Lot Area: 000012500
Total Building Floor Area: 00000006215
Commercial Floor Area: 00000006215
Office Floor Area: 00000001920
Retail Floor Area: 00000000000
Garage Floor Area: 00000004295
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: 00000
Non and Residential Units: 00001
Lot Frontage: 0058.50
Lot Depth: 0150.00
Building Frontage: 0032.00
Building Depth: 0060.00
Proximity Code: 3
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000062100
Total Assessed Value: 00000130500
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: 0000.50
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027140013
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998830
Y Coordinate: 0201990
Zoning Map: 13A
Sanborn Map: 304 029

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 13,TAXBLOCK 2714 (Continued)

S108076263

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

Tax Lot(s): 13
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: 499
Census Block: 2003
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: M1-2/R6A
Zone District 2: R6B
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: MX-8
Special Purpose District2: Not reported
All Components1: M1-2/R6A/MX-8
All Components2: R6B
Split Boundary Indicator: Y
Building Class: G9
Land Use Category: 07
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: GREENPOINT TRUCK CENT
Lot Area: 000012500
Total Building Floor Area: 00000006215
Commercial Floor Area: 00000006215
Office Floor Area: 00000001920
Retail Floor Area: 00000000000
Garage Floor Area: 00000004295
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: 00000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 13,TAXBLOCK 2714 (Continued)

S108076263

Non and Residential Units: 00001
 Lot Frontage: 0058.50
 Lot Depth: 0150.00
 Building Frontage: 0032.00
 Building Depth: 0060.00
 Proximity Code: 3
 Irregular Lot Code: Y
 Lot Type: 5
 Basement Type Grade: 5
 Land Assessed Value: 00000062100
 Total Assessed Value: 00000130500
 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: 0000.50
 Maximum Allowable Far: 03.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027140013
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0998830
 Y Coordinate: 0201990
 Zoning Map: 13A
 Sanborn Map: 304 029
 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

32
North
< 1/8
0.064 mi.
338 ft.

GREEN POINT CAR WASH, INC.
(AKA AUTOCLEAN CARWASH, INC.)
BROOKLYN, NY

NY Spills S108763941
N/A

Relative:
Higher

SPILLS:
 Facility ID: 0705867
 DER Facility ID: 335650
 Facility Type: ER
 Site ID: 386271
 DEC Region: 2
 Spill Date: 8/23/2007
 Spill Number/Closed Date: 0705867 / 9/13/2007
 Spill Cause: Unknown
 Spill Class: Not reported
 SWIS: 2401

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREEN POINT CAR WASH, INC. (Continued)

S108763941

Investigator: rvketani
Referred To: Not reported
Reported to Dept: 8/23/2007
CID: 408
Water Affected: Not reported
Spill Source: Commercial/Industrial
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: 8/23/2007
Spill Record Last Update: 10/16/2007
Spiller Name: HELEN ESPINOSA
Spiller Company: GREEN POINT CAR WASH, INC. (AKA AUTOCLEAN CARWASH INC)
Spiller Address: 103 ENGERT AVE
Spiller City,St,Zip: BROOKLYN, NY 11222
Spiller Company: 999
Contact Name: HELEN ESPINOSA
Contact Phone: (917) 577-6080
DEC Memo: 8/23/07 - Raphael Ketani. I called up Sean Donohue of the NYC DEP (718) 595-5000. I asked him about the circumstances regarding the spill. He said that Helen Espinosa (917) 577-6080 had called him saying that there was spilled diesel fuel in her backyard. She told him that it spilled onto the property of the neighboring car wash. However, he didn't have any information regarding how much had spilled. I visited the site shortly after talking to Mr. Donohue. A person at the car wash (which fronts on McGinnis Boulevard and exits on Engert Avenue) showed me the spilled oil on the car wash property. I saw an elongated stain of about 2 feet wide by 6 feet long. I could smell oil. She showed me where the oil had come from. This was the backyard of 105 Engert Avenue where a used car dealership stored its cars. I could see several drums through the chain link fence. The car dealership was CDM Auto Sales, Inc., 109 Engert Avenue, Brooklyn, NY, (718) 683-7277. I called up the owner of the dealership, Charles DeMarino. He said that the drums aren't on his property. He said they are soap and other material for the car wash. I told him they were in his backyard. He said that he rented the backyard, but not all the way back. He said that the yard with the cars that are all the way back and the drums are part of the property owned by the same person who owns the apartment building and the property the car wash in on. I knocked on the door of the apartment on the first floor which has access to the backyard. The woman let me through her kitchen and to the backyard. I saw that the drums contained car wash liquids. There was a strong odor of diesel fuel and there was a half full white drum containing some kind of liquid. The ground area around the drums was wet and odorous. I took a number of pictures of the backyard, the staining and the drums. I looked up the owner of the property for the apartment building and the car wash. This is block and lot 2701 and 53. According to NYC Property Tax, 105 and 107 Engert Avenue are owned by the same party, Green Point Real Estate Corp., 86 Monitor Street, Brooklyn, 11222-4751. The car wash is Autoclean Carwash, Inc., and is at 103 Engert Avenue, (718)782-5592. However, this address is only a street address/ mailing address. It does not appear in the property databases. So it's probably really part of 105

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREEN POINT CAR WASH, INC. (Continued)

S108763941

Engert. I called up the phone number and Young Yu answered (aka Boung Young). He said that he is the owner of the Green Poin Car Wash at 103 Engert Avenue. I told him that 3 drums of material are sitting in the backyard and that they are the property of the car wash as they have the names of car wash liquids on them. He said they are not his and he disavowed any ownership of them strongly. 8/24/07 - Raphael Ketani. I sent a CSL to both Green Point Real Estate and the Green Point Car Wash. 8/27/07 - Raphael Ketani. Emory, a worker at the car wash, called to say that the staining on the car wash property has been cleaned up. She said that the drums are owned by a Polish gentleman who speaks very little english. She said she explained to this person that the drums have to be removed by a licensed hauler. He told her he will get them cleaned up. I told her I needed receipts that the oil has been cleaned up. Walter, the owner of the drums, called me up to say that the remediation company is coming at 12 noon to pick up the drums and clean the area. I told him to send me a copy of the receipt for the work that is done. He said he will mail me a copy. 8/29/07 - Raphael Ketani. Walter called today to say that the drums were picked up yesterday and the area was cleaned up. He said that DEC should be getting the paperwork very soon. 9/17/07 - Raphael Ketani. On 9/13/07 I received a cover letter with manifest from Feliks & Son Storage Tank Co. for the cleanup of the oil spill. The cover letter stated that 7 gals. of oil had spilled and that four drums of spent absorbent were disposed of. Based upon the cover letter and manifest from Feliks and the small size and very small areal extent of the spill, I am closing the spill case. 10/15/07 - Raphael Ketani. Today I received a letter from Helen Spinosa stating that the owner of the drums is the tenant in apartment 4R(C?), Walter Markowski. She also stated that he was the owner of the drums and he proceeded to have them removed.

Remarks:

MATERIAL SEEMS TO BE LEAKING FROM CAR WASH;

Material:

Site ID: 386271
Operable Unit ID: 1143510
Operable Unit: 01
Material ID: 2133789
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 2
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

G33
South
< 1/8
0.068 mi.
361 ft.

LOT 12,TAXBLOCK 2724
134 BAYARD STREET
BROOKLYN, NY 11222

E DESIGNATION **S108076249**
N/A

Site 1 of 3 in cluster G

Relative:
Lower

E DESIGNATION:

Actual:
14 ft.

Tax Lot(s):	12
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:	499
Census Block:	2012
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:	KACZYNDKI, MARTINE
Lot Area:	000001950
Total Building Floor Area:	00000001950
Commercial Floor Area:	00000001950
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000001950
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:	0019.50
Lot Depth:	0100.00
Building Frontage:	0019.50
Building Depth:	0100.00
Proximity Code:	2
Irregular Lot Code:	N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 12,TAXBLOCK 2724 (Continued)

S108076249

Lot Type: 5
 Basement Type Grade: 5
 Land Assessed Value: 00000010800
 Total Assessed Value: 00000033885
 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: 0001.00
 Maximum Allowable Far: 03.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027240012
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0999041
 Y Coordinate: 0201456
 Zoning Map: 13A
 Sanborn Map: 304 027
 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

G34
South
< 1/8
0.075 mi.
395 ft.

LOT 10,TAXBLOCK 2724
130 BAYARD STREET
BROOKLYN, NY 11222
Site 2 of 3 in cluster G

E DESIGNATION S108076204
N/A

Relative:
Lower

E DESIGNATION:
 Tax Lot(s): 10
 E-No: E-138
Actual:
 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: 499
 Census Block: 2012
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 10,TAXBLOCK 2724 (Continued)

S108076204

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: BAYARD ASSOCIATES LLC
Lot Area: 000005500
Total Building Floor Area: 00000004747
Commercial Floor Area: 00000004747
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000004747
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: 0046.12
Lot Depth: 0103.46
Building Frontage: 0046.00
Building Depth: 0100.00
Proximity Code: 3
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000027135
Total Assessed Value: 00000112050
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1987
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: 0000.86
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027240010
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999034
Y Coordinate: 0201405
Zoning Map: 13A
Sanborn Map: 304 027

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 10,TAXBLOCK 2724 (Continued)

S108076204

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

**35
 NE
 < 1/8
 0.076 mi.
 400 ft.**

**GREENPOINT
 NEWTOWN & MEEKER/ROADWAY
 BROOKLYN, NY**

**NY Spills S102150511
 NY Hist Spills N/A**

**Relative:
 Higher**

SPILLS:

Facility ID: 9505087
 DER Facility ID: 204098
 Facility Type: ER
 Site ID: 248904
 DEC Region: 2
 Spill Date: 7/26/1995
 Spill Number/Closed Date: 9505087 / 9/16/2004
 Spill Cause: Unknown
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**Actual:
 19 ft.**

SWIS: 2401
 Investigator: JMROMMEL
 Referred To: Not reported
 Reported to Dept: 7/26/1995
 CID: Not reported
 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: 8/7/1995
 Spill Record Last Update: 9/16/2004
 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:

Remarks:

CONTAMINATED SOIL FOUND DURING ROAD RECONSTRUCTION - ADJACENT TO BUCKEYE PINE & FORMER MOBIL OIL SPILL - PLEASE CALL CALLER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREENPOINT (Continued)

S102150511

Material:

Site ID: 248904
Operable Unit ID: 1019843
Operable Unit: 01
Material ID: 366617
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:

NY Hist Spills:

Region of Spill: 2
Spill Number/Closed Date: 9505087 / Not Closed
Investigator: MULQUEEN
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 07/26/1995 13:00
Reported to Dept Date/Time: 07/26/95 13:37
SWIS: 61
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 08/07/95
Date Spill Entered In Computer Data File: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GREENPOINT (Continued)

S102150511

Update Date: / /
 Is Updated: False

Tank:

Material:

Material Class Type: Petroleum
 Quantity Spilled: -1
 Unkonwn Quantity Spilled: False
 Units: Gallons
 Quantity Recovered: 0
 Unkonwn Quantity Recovered: False
 Material: GASOLINE
 Class Type: GASOLINE
 Times Material Entry In File: 21329
 CAS Number: Not reported
 Last Date: 19940929

DEC Remarks: Not reported

Remark: CONTAMINATED SOIL FOUND DURING ROAD RECONSTRUCTION - ADJACENT TO BUCKEYE PINE FORMER MOBIL OIL SPILL - PLEASE CALL CALLER

36
West
< 1/8
0.076 mi.
401 ft.

LOT 1,TAXBLOCK 2713
494 MANHATTAN AVENUE
BROOKLYN, NY 11222

E DESIGNATION S108076182
N/A

Relative:
Lower

E DESIGNATION:

Tax Lot(s): 1
 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

Actual:
16 ft.

Zoning Map No: 12c, 12d,13a, 13b
 Description: Underground Gasoline Storage Tanks* Testing Protocol.
 Borough Code: BK
 Community District: 301
 Census Tract: 499
 Census Block: 2004
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 1,TAXBLOCK 2713 (Continued)

S108076182

Owner Name: WETZEL GERALD
Lot Area: 000007183
Total Building Floor Area: 00000007108
Commercial Floor Area: 00000007108
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000007108
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: 0176.00
Lot Depth: 0098.42
Building Frontage: 0176.00
Building Depth: 0098.42
Proximity Code: 2
Irregular Lot Code: Y
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000036315
Total Assessed Value: 00000099000
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: 0000.99
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027130001
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998634
Y Coordinate: 0201899
Zoning Map: 13A
Sanborn Map: 304 029
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G37
South
< 1/8
0.092 mi.
485 ft.

434 MANHATTAN AVE
BROOKLYN, NY 11222

EDR US Hist Auto Stat **1015494330**
N/A

Site 3 of 3 in cluster G

Relative:
Lower

Actual:
14 ft.

EDR Historical Auto Stations:

- Name: HIT OR MISS AUTO SERVICE
- Year: 2001
- Address: 434 MANHATTAN AVE

- Name: MIDTOWN AUTOMOTIVE CTR INC
- Year: 2002
- Address: 434 MANHATTAN AVE

- Name: MIDTOWN AUTOMOTIVE CTR INC
- Year: 2003
- Address: 434 MANHATTAN AVE

- Name: MIDTOWN AUTOMOTIVE CTR INC
- Year: 2004
- Address: 434 MANHATTAN AVE

- Name: MIDTOWN AUTOMOTIVE CENTER
- Year: 2005
- Address: 434 MANHATTAN AVE

- Name: MIDTOWN AUTOMOTIVE CENTER
- Year: 2006
- Address: 434 MANHATTAN AVE

- Name: MIDTOWN AUTOMOTIVE CENTER
- Year: 2007
- Address: 434 MANHATTAN AVE

- Name: MIDTOWN AUTOMOTIVE CENTER
- Year: 2008
- Address: 434 MANHATTAN AVE

H38
NW
< 1/8
0.097 mi.
512 ft.

55 ECKFORD ST.
55 ECKFORD ST.
BROOKLYN, NY

HIST LTANKS **S100494954**
CBS AST **N/A**

Site 1 of 5 in cluster H

Relative:
Higher

Actual:
17 ft.

HIST LTANKS:

- Region of Spill: 2
- Spill Number/Closed Date: 9214462 / 03/31/93
- Spill Date: 03/26/1993
- Spill Time: 12:00
- Spill Cause: Tank Overfill
- Resource Affectd: On Land
- Water Affected: Not reported
- Spill Source: Other Commercial/Industrial
- Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
- Cleanup Ceased: 03/31/93
- Cleanup Meets Standard: True
- Investigator: TANG
- Caller Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

55 ECKFORD ST. (Continued)

S100494954

Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 03/31/93
Reported to Department Time: 08:50
SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
Spiller Name: MYSTIC FUEL CO.
Spiller Address: 1902 STEINWAY ST.
Spiller City,St,Zip: L.I.C., NY
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extension: Not reported
Spill Notifier: Local Agency
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/01/93
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #6 FUEL OIL
Class Type: #6 FUEL OIL
Times Material Entry In File: 2190
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Spill Cause: MYSTIC CLEANED SPILL WITH SPEEDI-DRI, PICK UP AND DISPOSED.

CBS AST:

CBS Number: 2-000058
Region: STATE
ICS Number: 2-125095
PBS Number: Not reported
MOSF Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

55 ECKFORD ST. (Continued)

S100494954

Telephone: (718) 387-8811
Facility Town: NEW YORK CITY
Operator: GERALD BERKMAN
Emrgncy Contact: GERALD BERKMAN
Emrgncy Phone: (516) 799-6958
Expiration Date: 06/14/1999
Owner Name: BERKMAN BROS. INC.
Owner Address: 55 ECKFORD ST.
Owner City,St,Zip: BROOKLYN, NY 11222
Owner Telephone: (718) 387-8811
Owner type: Corporate/Commercial
Facility Type: MANUFACTURING
Mail Name: BERKMAN BROS. INC.
Mail Contact Addr: 55 ECKFORD ST.
Mail Contact Addr2: Not reported
Mail Contact Contact: GERALD BERKMAN
Mail Contact City,St,Zip: BROOKLYN, NY 11222
Mail Phone: (718) 387-8811
SPDES Number: Not reported
Facility Status: ACTIVE FACILITY
Owner Sub Type: Not reported

Tank Id: Yes
Date Entered: 06/14/1989
Capacity (Gal): 500
Chemical: Sodium hypochlorite
Tank Closed: 01/98
Tank Status: 0
Tank Type: Fiberglass reinforced plastic [FRP]
Install Date: 11/85
Certified Date: 05/20/1997
CAS Number: 7681529
Substance: Single Hazardous Substance on DEC List
Tank Location: ABOVEGROUND
Intrnl Protection: None
Extrnl Protection: None
Pipe Location: Aboveground
Pipe Type: PLASTIC
Pipe Internal: None
Pipe External: 0
Pipe Containment: None
Tank Containment: Other
Leak Detection: None
Overfill Protection: Catch Basin
Haz Percent: 15
Total Tanks: 0
Tank Secret: False
Last Test: Not reported
Due Date: Not reported
Tank Error Status: No Missing Data
SWIS Code: 6101
Lat/Long: Not reported
Pipe Flag: False
Federal ID: Not reported
Is Updated: F
Renew Date: 03/01/93
Is it There: F

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

55 ECKFORD ST. (Continued)

S100494954

Deliquent: F
Date Expired: 06/14/95
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: 03/03/1997
Total Capacity of All Active Tanks(gal): 0

H39
NW
< 1/8
0.097 mi.
512 ft.

44 ECKFORD ST
55 ECKFORD STREET
BROOKLYN, NY 11222
Site 2 of 5 in cluster H

AST A100319040
N/A

Relative:
Higher

AST:

Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-268666
Program Type: PBS
UTM X: 588889.62745999999
UTM Y: 4508377.3925299998
Expiration Date: N/A

Affiliation Records:

Site Id: 11206
Affiliation Type: Mail Contact
Company Name: BLUE DIAMOND
Contact Type: Not reported
Contact Name: MARK JUNGER
Address1: 199 LEE AVE
Address2: #287
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 403-0900
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 4/7/2008

Site Id: 11206
Affiliation Type: On-Site Operator
Company Name: 44 ECKFORD ST
Contact Type: Not reported
Contact Name: JAMES QUINN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 403-0900
Phone Ext: Not reported
Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

44 ECKFORD ST (Continued)

A100319040

Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 4/7/2008

Site Id: 11206
Affiliation Type: Emergency Contact
Company Name: MARK JUNGER
Contact Type: Not reported
Contact Name: MARK JUNGER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 403-0900
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 4/7/2008

Site Id: 11206
Affiliation Type: Owner
Company Name: MARK JUNGER
Contact Type: PRES
Contact Name: MARK JUNGER
Address1: 199 LEE AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 403-0900
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 4/7/2008

Tank Info:

Tank Number: 001
Tank Id: 13519

Equipment Records:

B00 - Tank External Protection - None
H00 - Tank Leak Detection - 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
L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Location: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

44 ECKFORD ST (Continued)

A100319040

Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1976
Capacity Gallons: 2500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/07/2005
Register: True
Modified By: msbaptis
Last Modified: 04/07/2008

**H40
NW
< 1/8
0.097 mi.
512 ft.**

**BERKMAN BROTHERS
55 ECKFORD STREET
BROOKLYN, NY 11222**

Site 3 of 5 in cluster H

**RCRA-CESQG 1000271415
FINDS NYD001236017
LTANKS
HIST AST
MANIFEST
CBS**

**Relative:
Higher**

RCRA-CESQG:

Date form received by agency: 01/01/2007

**Actual:
17 ft.**

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BERKMAN BROTHERS (Continued)

1000271415

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

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
Facility name: BERKMAN BROS INC
Classification: Small Quantity Generator

Date form received by agency: 02/18/2004
Facility name: BERKMAN BROS INC
Classification: Not a generator, verified

Date form received by agency: 01/01/2001
Facility name: BERKMAN BROS INC
Site name: BERMAN BROS INC
Classification: Large Quantity Generator

Date form received by agency: 07/14/1999
Facility name: BERKMAN BROS INC
Classification: Small Quantity Generator

Date form received by agency: 07/28/1980
Facility name: BERKMAN BROS INC
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BERKMAN BROTHERS (Continued)

1000271415

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
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

FINDS:

Registry ID: 110004332883

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.

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.

HAZARDOUS WASTE BIENNIAL REPORTER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BERKMAN BROTHERS (Continued)

1000271415

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
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BERKMAN BROTHERS (Continued)

1000271415

HIST AST:

PBS Number: 2-268666
SWIS Code: 6101
Operator: BERKMAN BROS INC
Facility Phone: (718) 782-1827
Facility Addr2: 55 ECKFORD ST
Facility Type: MANUFACTURING
Emergency: GERALD R BERKMAN
Emergency Tel: (516) 799-6958
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: BERKMAN BROS INC&LILLIE BERKMA
Owner Address: 55 ECKFORD ST
Owner City,St,Zip: BKLYN, NY 11222
Federal ID: Not reported
Owner Tel: (718) 782-1827
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: GERALD R. BERKMAN
Mailing Name: BERKMAN BROS INC&LILLIE BERKMA
Mailing Address: 55 ECKFORD ST
Mailing Address 2: Not reported
Mailing City,St,Zip: BKLYN, NY 11222
Mailing Telephone: (718) 782-1827
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: 07/03/1997
Expiration: 07/10/2002
Renew Flag: False
Renew Date: Not reported
Total Capacity: 2500
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: 19761201
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
Pipe Location: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BERKMAN BROTHERS (Continued)

1000271415

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: False
SPDES Number: Not reported
Lat/Long: Not reported

NY MANIFEST:

EPA ID: NYD001236017
Country: USA
Mailing Name: BERKMAN BROS
Mailing Contact: BERKMAN BROS
Mailing Address: 85 MEADOW STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11206
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-782-1827

Document ID: MIA1654360
Manifest Status: Completed after the designated time period for a TSDf 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
TSDf 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BERKMAN BROTHERS (Continued)

1000271415

Manifest Status: Completed after the designated time period for a TSDF 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
TSDF 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: 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
TSDF 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: NJA0906939
Manifest Status: Completed after the designated time period for a TSDF 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

APPENDIX F
CREDENTIALS

Mostafa El Sehamy, P.G., C.G.W.P., C.E.M.
President, Senior Hydrogeologist

Mr. El Sehamy has over fifteen (15) years of experience in hydrogeology and environmental engineering, involving such activities as groundwater investigation, water quality modeling, ground and surface water quality analysis, environmental impact assessment, remediation design of replacement of domestic well systems in contaminated areas; aquifer sensitivity studies for hydrocarbons and solvents and soil and groundwater investigations of leaking underground storage tanks and pilot venting studies. Mr. El Sehamy has designed over 50 remediation systems for the New York State Department of Environmental Conservation (Oil Spill Prevention) and private sectors. The remediation system involved several techniques, such as pump and treat, soil venting, air sparging, bio-remediation and bio venting. Mr. El Sehamy has also conducted several remedial investigation/feasibility studies in New York State.

Representative Occupational Experience

- ❑ *Groundwater and Hydrologic Modeling*
Groundwater flow and contaminant transport, modeling utilizing MODFLOW, PLASM, MODPATH and WHPA. Hydrologic modeling utilizing HELP. Assessing model inputs and outputs, boundary and initial conditions, model calibrations, verification and sensitivity analysis and performing analytical checks. Hydrologic studies and water analysis.
- ❑ *Environmental Site Assessments*
Conducted Phase I and II Environmental Site Assessments, analysis of site investigation reports, identifying contamination locations and sources. Gas Chromatograph analysis and water sampling, analyzing laboratory results for QA/QC, magnetometer surveys for locating buried drums and underground storage tanks (USTs), estimating UST and other subsurface leaks, septic tank cleanup inspection, liability assessments and estimating costs to attain compliance.
- ❑ *Expert Witness*
Offered expert witness testimony for the New York State Department of Environmental Conservation (NYSDEC) and several private sector cases.
- ❑ *Environmental Impact Statements*
Conducted and supervised several environmental impact statements for shopping centers in the states of New York and North Carolina.
- ❑ *Solute Transport Modeling*
Conducted groundwater flow and solute transport modeling at Superfund, municipal, industrial and water supply sites impacted by organic/inorganic hydrocarbons, PCBs and metals. Developed strategies to contain and clean-up aquifers, protect water supply wells and prohibit impacts to surface water bodies, including containment of free phase product recovery. Analytical and numerical models, such as PLASM, MODFLOW, Random Walk, Quickflow, Flowpath and Groundwater Path were used.

- ❑ *Risk Assessments*
Delineated dissolved petroleum hydrocarbon plume and implemented a risk assessment regarding a subsurface storage tank release into the Long Island Aquifer.
- ❑ *Engineering Compliance*
Auditing manufacturing plants, assessing plant-wide environmental conditions, identifying present and potential RCRA wastes and other environmental problems and offering solutions, SARA Title III calculations, environmental inventorying, compliance status and potential impact analysis of waste disposal practices, air compliance analysis, insurance claims analysis and preparing work plans and engineering reports.
- ❑ *Remedial Investigation and Feasibility Studies*
Oversight/planning of site investigations; data analysis, including statistical analysis and geostatistical contouring utilizing SURFER and GEOSOFT/KRIGING; performance of feasibility studies, including technology evaluations and screening, alternatives development and evaluation and cost estimations.
- ❑ *Due-Diligence Programs*
Designed and implemented due-diligence programs (ranging from Phase I Assessment to Comprehensive Hydrogeologic Investigations) to assess environmental liabilities for numerous land development clientele.
- ❑ *Delineation of Chlorinated Organic Plumes*
Supervised the delineation of a dissolved chlorinated organic plume from underground tank loss. Developed a remedial action program in accordance with New York State regulatory guidelines to abate soil and groundwater contamination.
- ❑ *Research Projects*
Conducted groundwater studies with Nassau County Department of Public Works to investigate the impact of heating oil and solvents on public supply wells in the Levittown and Glen Cove areas of New York State.
- ❑ *Remedial Action*
Prepared remedial action plans. Designed and implemented hydrocarbon remediation systems for soil and groundwater.
- ❑ *Pump Test Aquifer Analysis*
Conducted several pump test aquifer analysis and field coordination in relation to water supply feasibility studies for the New York City Transit Authority.
- ❑ *OSHA Instructor*
Instructed several courses, such as, OSHA 40 Hours Right to Know, CPR, 8 Hour OSHA Refresher, Fall Protection, Confined Space Entry and Lockout/tag-out. Developed safety programs for confine space and accident investigations.

- ❑ *Hazardous Waste Remediation Sites*
Project Manager - RI/FS, pre design investigation, remedial design, construction oversight of the remedial action, and operations and

maintenance of the soil vapor and groundwater treatment systems. Each RI/FS was performed under the direction of NYSDEC.

Employment

2001 - Present	President, Senior Hydrogeologist Hydro Tech Environmental Corp., Commack, New York
1993 - 2001	Director of Professional Services and Safety Fenley & Nicol Environmental, Inc., Deer Park, New York
1992 - 1993	Senior Hydrogeologist Fenley & Nicol Environmental, Inc. Deer Park, New York
1989 - 1992	Hydrogeologist Nassau County Dept. of Health, Mineola, New York
1986 - 1989	Hydrogeologist Fanning, Phillips and Molnar, Ronkonkoma, New York

Education

M.S. Hydrogeology, Adelphi University at Garden City, New York, 1989
Graduate Geology studies, Brooklyn College, City University of New York, 1981
B.S. Engineering Geology, Cairo University, Egypt, 1978

Affiliations and Certifications

- Association of Groundwater Scientists and Engineers
- American Institute of Professional Geologists
- American Association of Petroleum Geologists
- Long Island Geologist Organization
- Environmental Assessment Association
- New York State Asbestos Investigator
- American Society of Safety Engineers
- American Heart Association: CPR Instructor

Registrations and Certifications

- Professional Geologist – Commonwealth of Pennsylvania (P.G.- #001135 – G)
- Licensed Geologist – State of North Carolina (L.G. – #1714)
- Certified Groundwater Professional (C.G.W.P. #364)
- Certified Professional Geologist (C.P.G. # 9206)
- Certified Environmental Manager (C.E.M. # 73492)
- Certified City of New York Asbestos – Investigator (# 03541)

Courses and Seminars

- “Practical Modeling of Pump and Treat Systems using Modflow, Path 3D and Flow Path” Papadupulos & Associates, Inc.
- “Dense Non-aqueous Phase Liquids (DNAPLs): Site Characterization and Remediations” Central New York Association of Professional Geologists.
- “Understanding Migration, Assessment and Remediation of LNAPLs and DNAPLs” National Groundwater Association.
- “Petroleum-Contaminated Soil and Groundwater” University of Massachusetts.
- “Ground water Remediation and Modeling”, Newburgh, New York.

Publications/Presentations

- *A Case Study of the Impact of MTBE on the Investigation and Remediation of a Fuel Oil Release*, National Groundwater Focus Conference MTBE in Groundwater: Assessment, Remediation Technologies & Public Policy, Baltimore, MD June 4-5, 2001.
- *Is MTBE in Fuel Oil? Why MTBE Plays a Major Concern on Long Island*, Long Island Business News, February 2001
- *Cleaning Up UST Leaks*, El Sehamy, Mostafa, Environmental Protection, June 1997.
- *Overview of the Petrex Passive Soil Gas Technique - Two Case Studies*, El Sehamy, Mostafa & Jacobs, Jr., Dave T., Long Island Geologists, April 1996
- *Temporal Constraints on Free Phase Floating Petroleum Product Rebound in the Upper Glacial Aquifer*, Long Island New York, El Sehamy, Mostafa & Winslow, David, Long Island Geologists, April 1996
- *Successful Remediation of Gasoline Spills on Long Island by Application of a Combination of Technologies- Two Case Studies*, El Sehamy, Mostafa & Korlipara, Ravi, Long Island Geologists, April 1995

- 2000 – 2001 Assistant Director, Professional Services
Fenley & Nicol Environmental, Inc., Deer Park, New York
- 1999 – 2000 Senior Geologist
Fenley & Nicol Environmental, Inc. Deer Park, New York
- 1995 – 1999 Operations Director
Advanced Cleanup Technologies, Inc., Farmingdale, New
York
- 1992 – 1995 Project Geologist
Advanced Cleanup Technologies, Inc., Roslyn Heights, New York

Education

B.S. Geology, State University of New York at Oneonta, 1991

Affiliations and Certifications

- American Institute of Professional Geologists
- American Association of Petroleum Geologists
- Long Island Geologist Organization
- Geological Society of America
- American Standards in Testing Materials – E50 Committee Member
- Environmental Assessment Association
- OSHA 40-Hour & 8-Hour, Supervisor

Registrations and Certifications

- Certified Professional Geologist (C.P.G. # 10527)
- Certified Environmental Inspector (C.E.I. # 73383)
- GPR Operator’s Course, Geophysical Survey Systems, Inc., 1993.

Publications/Presentations

- *A Case Study of the Impact of MTBE on the Investigation and Remediation of a Fuel Oil Release*, National Groundwater Focus Conference MTBE in Groundwater: Assessment, Remediation Technologies & Public Policy, Baltimore, MD June 4-5, 2001.
- *Is MTBE in Fuel Oil? Why MTBE Plays a Major Concern on Long Island*, Long Island Business News, February 2001.



**Phase I Environmental Site Assessment
470 Manhattan Avenue
New York, Brooklyn Borough, NY 11222**

Prepared For:

**470 MANHATTAN AVE, LLC
1737 VETERANS HIGHWAY
ISLANDIA, NY 11749**

August , 2013

***Prepared By:*
URS Corporation**

EXECUTIVE SUMMARY

URS Corporation (URS) was retained by 470 Manhattan Avenue LLC to conduct a Phase I Environmental Site Assessment (ESA) of a property located at 470 Manhattan Avenue, Brooklyn Borough, NY. The properties are identified on Tax Maps as Block 2714 Lots 33. The purpose of URS' Phase I ESA was to evaluate whether current or historical activities on or near the subject property may have resulted in significant contamination by hazardous substances or wastes, also known as a Recognized Environmental Condition (REC).

This Phase I ESA was performed in general conformance with the ASTM *Standard Practice for Environmental Site Assessments* (Standard E 1527-05) approved November 18, 2005. The Phase I ESA was also performed in accordance with the URS proposal to Hope Keap LLC dated July 12, 2013.

The subject property is situated in a mixed commercial/residential neighborhood which has numerous active construction sites in the immediate vicinity. The property is located at 470 Manhattan Ave in the Greenpoint section of Brooklyn, Kings County, New York State.

The property consists of a single story brick masonry warehouse building. The building is currently used for storage of file boxes. The Most of the interior building floor plan is covered by multiple rows of floor to ceiling shelves.

Available historical documents reviewed by URS dated back to 1887. According to the information reviewed, the subject property was constructed between 1951 and 1965 and its general use as commercial warehouses has remained essentially unchanged since then. Based on the results detailed herein, the historical use of the Site is not considered a Recognized Environmental Condition (REC) at the subject property. However, URS reviewed documents available from the New York City Department of Building's online Building Information System for the subject property. The BIS indicated the subject property is an "e" designated site. Consequently, URS considers this a REC to the subject property.

No aboveground storage tanks (ASTs) or underground storage tanks (USTs) were observed or reported during the site visit. Evidence of USTs was noted at adjacent properties to the north and east.

According to the EDR Lien Search Report, environmental liens or activity and use limitations are not associated with the subject properties. The EDR lien search reflects a review of public records at the New York County Clerk and New York City Registry of Deeds. The search found no "environmental liens" and no "other activity and use limitations."

Based on the preliminary findings of this Phase I ESA, URS recommends a Phase II subsurface investigation for the Site when the current tenant has vacated the space and the shelving has been

removed and prior to new development. The Phase II ESA should include the collection and analysis of soil, groundwater and vapor samples in accordance with New York State Department of Environmental Conservation guidelines set forth in 6 NYCRR Part 375.

Based on URS' review of the regulatory databases, historical aerial photographs and a reconnaissance of visible areas of properties adjacent to the subject property, multiple off-site facilities are considered environmental concerns to the subject property.

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1.0 INTRODUCTION

URS Corporation (URS) was retained by 470 Manhattan LLC to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 470 Manhattan Avenue in Brooklyn, NY (subject property). The purpose of URS's Phase I ESA was to evaluate whether current or historical activities on or near the subject property may have resulted in significant contamination by hazardous substances or wastes, also known as a Recognized Environmental Condition (REC).

This Phase I ESA was performed in general conformance with the *ASTM Standard Practice for Environmental Site Assessments* (Standard E 1527-05) approved November 18, 2005. The Phase I ESA was also performed in accordance with the URS proposal to 470 Manhattan Avenue, LLC dated July 12, 2013. The Phase I ESA objectives, scope, and limitations are presented in the following sections.

1.1 OBJECTIVE

The purpose of URS' Phase I ESA was to gather information about the subject property and surrounding areas to identify releases and threatened releases of hazardous substances, pollutants and contaminants, petroleum or petroleum products, and controlled substances on, at, in or to the subject property that would represent an area of REC.

1.2 SCOPE OF WORK

URS' Scope of Work for the Phase I ESA consisted of an inspection of the subject property and nearby area, a review of historical information on activities at the subject property, a review of readily available regulatory information concerning the subject property and other nearby properties of environmental concern, and preparation of a report detailing URS' results and conclusions. The environmental assessment was prepared in general conformance with URS' proposal dated July 12, 2013, which also references ASTM Standard E 1527-05.

1.3 LIMITING CONDITIONS

URS' site inspection included a walking inspection of areas that were accessible by foot (interior and exterior), and a drive-by inspection (exterior only) of surrounding and adjacent properties, including those properties identified in the environmental database search. URS viewed the tenant space, however a small part of the subject property building (reported to be office space) was not accessible during the inspection. According to site representatives, no hazardous materials are stored within these spaces. Based on the reported uses of the inaccessible tenant spaces, URS does not anticipate revealing significant environmental concerns.

1.4 LIMITATIONS OF THE ASSESSMENT

URS has performed the Scope of Services set forth in the Proposal(s) related to this project, as they may have been amended (the "Proposals"), in specific reliance on the understandings and agreements reached between URS and 470 Manhattan Avenue, LLC and its affiliates ("Client or Lender") as reflected in the Proposals and the written agreement between them (the "Agreement"). URS' Scope of Services was limited to that stated in the Proposal(s). Without limiting the generality of the foregoing, and to insure that there are no misunderstandings regarding the scope of URS' activities, be advised that the Scope of Services did not include indoor air quality issues nor structural, electrical or mechanical issues, a full asbestos survey, wetlands assessments, or other activities not expressly described in the Proposal or in URS' report for the work. URS did not assess/compare the purchase price to the fair market value of the property, as this was not included in the requested scope of services.

The Report and any other information which URS prepared and submitted to Client in connection with this project (collectively, the "Reports") are for the sole use and benefit of Client and may not be used or relied upon by any other person or entity without the prior written consent of Client and URS. Any such consent given by URS shall be deemed to be and shall be subject to the terms and conditions of the Proposals and the Agreement, including without limitation, the warranty, liability and indemnity terms thereof, and any person given such consent (the "Grantee") shall be deemed to have agreed to such terms and conditions by its use and reliance on the Reports. Such Grantee must also agree not to reveal the contents of the Reports to any other person or entity without the prior written consent of both Client and URS.

URS' services in the development of this Report were conducted, within the limits prescribed by the Agreement, in a manner consistent with that level of care and skill ordinarily exercised by members of the same professions currently practicing in the same locality under similar conditions and no other guaranty, warranty, or representation, either expressed or implied, is included or intended herein.

Client recognizes and agrees that:

1. The information in the Reports relates only to the property specifically described in the Proposal and Report;
2. The information and conclusions provided in the Report apply only to the subject property as they existed at the time of URS' site examination. Should site use or conditions change or should there be changes in applicable laws, standards or technology, the information and conclusions in the Report may no longer apply;

3. URS makes no representations regarding the value or marketability of this property or it's suitability for any particular use, and none should be inferred based on the Report;
4. The Report is intended to be used in its entirety and no excerpts may be taken to be representative of the findings of this investigation.

1.5 VALIDITY

This report was prepared in conformance with the ASTM Standard E 1527-05 approved November 18, 2005. The following components of this report must be updated after one hundred eighty (180) days of the date of this report if the property has not been acquired within that period of time:

1. Interviews with owners, operator and occupants;
2. Searches for recorded environmental cleanup liens;
3. Reviews of federal, tribal, state, and local government records;
4. Visual inspection of the property and of adjoining properties; and
5. The declaration of the environmental professional responsible for the assessment or update.

2.0 SITE DESCRIPTION

Information concerning the subject property was obtained from a site inspection conducted by Ms. Cary Friedman of URS August 2, 2013. A representative of the current building tenant provided access to the building.

2.1 PHYSICAL LOCATION AND DESCRIPTION OF PROPERTY

The subject property located at 470 Manhattan Avenue, Brooklyn Borough, NY. The property is identified on Tax Maps as Block 2714 Lot 33. The subject property is situated in a mixed commercial and residential setting in Brooklyn. The property consists of a one-story brick masonry warehouse building. The warehouse space in the building was filled with rows of floor to ceiling metal shelves full of boxes that appeared to contain paper files.

The general location of the subject property is shown on the Site Vicinity Map, **Figure 1**.

The City of New York (municipal) provides potable water and sanitary sewer services to the subject property. Electricity and natural gas is provided by Consolidated Edison (Con Ed) of New York. The tenant representative said the building was currently not heated or air conditioned.

2.2 ENVIRONMENTAL SETTING

Environmental characteristics including topography, geology, and hydrogeology were evaluated based on site observations, published literature, and available maps.

2.2.1 Topography

According to the United States Geological Service (USGS) 7.5-Minute Topographic Quadrangle Map entitled *Brooklyn, NY* (1995) the subject property is located at an elevation of approximately 16 feet above mean sea level (msl). Based on the topographic map and subject property observations, surface topography in the vicinity of the subject property appears to be gently sloping to the west.

2.2.2 Hydrogeologic Conditions

Groundwater flow direction and depths may vary season to season based amounts of precipitation, geology, underground structures, and de-watering activities. Shallow groundwater flow typically mimics surface topography, but can also flow towards nearby surface water bodies. Surface topography near the site slopes very slightly to the west according to the EDR report. Records reviewed of nearby properties containing groundwater wells indicate that groundwater flows to the north/northeast towards Newtown Creek. Absent direct groundwater measurements at the site, URS considers sites to the east of the subject property as upgradient.

Groundwater in this area is not used as a source of drinking water, but groundwater in this area is classified as Class GA, a source of potable water. The subject property is located in an area of Brooklyn with historic groundwater contamination stemming from historic industrial activities.

2.2.3 Soils

According to The EDR Radius Map™ Report with GeoCheck®, soil in the subject property vicinity is classified as Urban Land, which is land that has been heavily disturbed by development in a highly urbanized area. Since the soil's original structure and content have been altered by human development, the soil at the subject property has lost its original characteristics and is thus unidentifiable.

2.2.4 Surface Water

During the site reconnaissance, no natural surface water bodies were identified on the subject property.

2.2.6 Wetlands

URS reviewed a United States Department of Interior, United States Fish & Wildlife Service (FWS) National Wetlands Inventory (NWI) map provided in The EDR Radius Map™ Report with GeoCheck® and information provided online by the FWS website. According to the NWI map, wetland areas were not identified on the subject property. Wetlands delineation was not performed as part of this assessment.

3.0 USER PROVIDED INFORMATION

As required by AAI, additional inquiries are required to be conducted by the property purchaser. These inquiries include:

1. Identification of environmental cleanup liens against the subject property;
2. Specialized knowledge or experience regarding the subject property;
3. Relationship of the purchase price to the fair market value if the subject property was not contaminated;
4. Commonly known or reasonably ascertainable information regarding the subject property; and
5. Degree of obviousness of the presence or likely presence of contamination at the subject property.

CREA (the “Client”) did not provide the additional inquiry information to URS via an Information Transmittal Form (ITF) and ASTM User Questionnaire.

3.1 TITLE RECORDS

Procurement and review of a 50 Year Chain-of-Title was not included in the scope of services for this project.

3.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

According to the EDR Lien Search Report, environmental liens or activity and use limitations are not associated with the subject properties. The EDR lien search reflects a review of public records at the New York County Clerk and New York City Registry of Deeds. The search found no “environmental liens” and no “other activity and use limitations.”

A copy of the EDR Environmental Lien/AUL search is provided as **Appendix A**.

3.3 DATA GAPS

URS’ ability to identify past uses of the subject property was limited by the following conditions identified during URS’ review of historical resources:

- Data gaps of greater than five years were identified in historical information and documentation.
- Site access to all building spaces.

During this assessment, URS did not identify other significant data gaps in the reasonably ascertainable information reviewed and described in this report regarding the subject property which would be expected to impact our conclusions. The indiscernible historical resource information is not expected to change the conclusions of this report.

3.4 PREVIOUS INVESTIGATIONS

URS was not provided with any previous Environmental Assessment/Investigation Reports or Correspondence.

4.0 SITE INSPECTION

URS inspected the subject property on August 2, 2013. Weather conditions at the time of the inspection were sunny and approximately 80 degrees Fahrenheit. Site activities included a walking inspection of the subject property and a walking survey was also completed of adjoining properties and nearby properties listed in the EDR Radius Map Report.

Photographs taken during URS' site inspection are provided in **Appendix B**.

4.1 CURRENT USES OF THE PROPERTY

The subject property is situated in a mixed commercial/residential neighborhood which has numerous active construction sites in the immediate vicinity. The property is located at 470 Manhattan Avenue in the Williamsburg section of Brooklyn, Kings County, New York State. The subject property is located at a three-way intersection of Manhattan Avenue, Eckford Street, and Newton Street. The property consists of a one-story brick masonry warehouse building which takes up the entire site footprint. The building interior features a small amount of office space (inaccessible to URS on the date of inspection) and the main warehouse area which includes floor to ceiling metal shelves. The shelves were all full of file type boxes and indexed in alphabetical order.

The building is slab on grade constructed with no basement. The warehouse area has concrete floors in fair condition. One possible floor drain was observed, but no floor staining, or odors were observed during the inspection. Numerous pipes and electrical conduit pipes were visible at ceiling height and along the interior walls.

4.2 PAST USES OF THE PROPERTY

Available historical documents reviewed by URS dated back to 1887. Based on the documents reviewed, previous site uses were mostly storage of various products. Documents indicate that the current site building was constructed between 1951 and 1965 and it's general use as a commercial warehouse has remained essentially unchanged.

Further information on the historical use of the subject property is presented in **Section 6.0**.

4.3 EXTERIOR AND INTERIOR SITE OBSERVATIONS

An exterior inspection of the subject properties found no visible indications of possible USTs. The tenant representative indicated that the building is currently not heated or air conditioned.

4.3.1 Hazardous Substances

Hazardous substances were not observed by URS during the site reconnaissance.

It is URS' opinion that the use and management of hazardous substances at the subject property is not an environmental concern.

4.3.2 Hazardous Wastes

URS did not observe hazardous waste or generation activities at the subject property during the site reconnaissance.

4.3.3 Solid Waste

During the site visit, the solid waste observed was minute and consisted of household waste, wastepaper, cardboard, general packaging. The City of New York collects solid waste from the subject property. No unusual stains or odors were observed near the solid waste cans at the time of the site visit. No grease bins were observed or reported at the subject property.

It is URS' opinion that the solid waste generation at the subject property is not an environmental concern.

4.3.4 Aboveground/ Underground Storage Tanks

No aboveground storage tanks (ASTs) or underground storage tanks (USTs) were observed or reported during the site visit.

4.3.5 Drums and Containers

Other than the materials discussed in Section 4.3.1, containers observed on the subject property during the site visit were limited to janitorial cleaning products and building maintenance products. These materials were mostly stored in retail-sized containers.

It is URS' opinion that the management of containers at the subject property is not an environmental concern at this time.

4.3.6 Wells

No potable, injection, or dry wells were observed on the subject property during the site visit. According to EDR's radius report, one USGS well is located within 1/8 of a mile of the site; USGS well ID 40000829707 is located within 1/8 of a mile of the site to the south/southeast. The subject property building is connected to the New York City municipal water system.

4.3.7 Drains and Sumps

URS observed one floor drain during the site inspection.

Storm water runoff is collected in roof drains and municipal catch basins in the adjacent roadways, which are reportedly connected to the combined sewer system.

It is URS' opinion that the drains at the subject property are not an environmental concern at this time.

4.3.8 Wastewater

Wastewater generated at the subject property is limited, the tenant representative said there was one bathroom in the office area which was not accessible for inspection. No process wastewater is generated at the subject property. The wastewater discharges to the municipal sanitary system operated by the City of New York.

It is URS' opinion that the wastewater at the subject property is not an environmental concern.

4.3.9 Pits, Ponds, and Lagoons

Pits, ponds, and lagoons were not observed on the subject property during the site visit.

4.3.10 PCB-Containing Equipment

Suspected PCB-Containing Equipment was not observed on the subject property during the site visit.

4.3.11 High Tension Power Lines

No overhead high tension power lines were observed to be located within 300-feet of the subject property.

4.3.12 Elevated Lead Levels in Water

A lead in drinking water survey was not conducted nor included in the authorized scope of services. .

4.3.13 Lead-in-Paint

A lead in paint survey was not conducted nor included in the authorized scope of services.

4.3.14 Radon

A radon screening survey was not conducted nor included in the authorized scope of services.

4.3.15 Asbestos

An asbestos survey was not conducted nor included in the authorized scope of services. However, given the age of the buildings, asbestos-containing material is likely present in building materials.

4.3.16 Mold Conditions

A formal mold assessment was not included in the scope of work.

4.3.17 Other Physical Evidence of Contamination

No unusual odors, pools of waste liquids, runoff patterns, and berms were observed on the subject property during the site inspection.

5.0 ADJOINING AND SURROUNDING LAND USE

URS performed a visual inspection of readily visible areas of adjacent properties. The following description of the current uses of adjoining properties and surrounding properties of potential environmental concern is based on URS' observations on the date of the inspection and onsite interviews with real estate brokers and tenants.

5.1 CURRENT USES OF ADJACENT PROPERTIES

The subject property is located in the Williamsburg section of Brooklyn Borough, NY in an area that consists of mainly commercial and residential properties. In general, prominent adjoining land uses are as follows:

North: The subject property is bound to the north by a single story commercial building (16 Eckford Street) which houses a gym. North of that are residential buildings of more recent construction.

East: The subject property is bound to the east by a one-story commercial building that fronts on Newton Street.

South: The subject property is bound to the south by Manhattan Avenue, a mid-rise residential building (southeast) and Junior High School No. 126 (southwest).

West: The subject property is bound to the west by Eckford Street and Junior High School No. 126.

Additional information concerning neighboring facilities is discussed further in the appropriate portions of **Section 7.0**.

5.2 SURROUNDING PROPERTIES OF POTENTIAL ENVIRONMENTAL CONCERN

Based on URS' observations during the site reconnaissance of visible areas of properties adjacent to the subject property, no properties of potential environmental concern were identified adjacent to the subject property with the exception of those identified in **Section 7.0**.

6.0 HISTORIC SITE AND SURROUNDING PROPERTY CONDITIONS

The history of land use on and near the subject property was evaluated from interviews, review of historical information and other documents referenced in **Section 10.0**.

6.1 CURRENT AND PRIOR OWNERSHIP

Procurement and review of a 50 Year Chain-of-Title was not included in the scope of services for this project.

6.2 INTERVIEWS

A representative of the tenant provided access to the subject property and information provided by the tenant representative is included throughout this report.

6.3 AERIAL PHOTOGRAPHS

Information regarding past site land use was obtained by a monoscopic review of historical aerial photographs obtained from EDR for the years 1924, 1941, 1954, 1966, 1975, 1984, 1994, 1995, 2006, 2009, and 2011 (**Appendix C**). The following is a summary of the review:

1924-1954 The subject property and site vicinity are shown as partially developed. An L-shaped building is shown on the subject property in the 1924 photograph. A different building is shown on the 1954 aerial. Adjacent to the site in the north, east, and south directions are densely developed. Land adjacent to the west is largely undeveloped

1966-2011 The subject property was shown as developed with the current structure. Adjacent properties in north, east, and south directions remained densely developed. Adjacent to the west a large formally wooded lot was developed with multiple buildings and open air parking.

Based solely on the review of the historical aerial photograph, no RECs were identified associated with the subject property or adjacent properties.

6.4 SANBORN FIRE INSURANCE MAPS

URS contacted EDR for information regarding Sanborn™ Fire Insurance Maps for the subject property. Sanborn™ Maps are published detailed city maps, which were originally designed to meet the requirements of the fire insurance industry. Fire insurance maps provide detailed property information by outlining all buildings in applicable areas, showing construction types, building heights, building numbers, use by occupancy, as well as, the location and content of USTs/ASTs.

Sanborn™ Fire Insurance Rate Maps were available for this area to provide historical background of the subject property and its vicinity for the years 1887, 1905, 1916, 1942, 1951, 1965, 1978, 1979, 1983,

1986, 1987, 1988, 1989, 1991, 1993, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006, and 2007 (**Appendix C**). Numerous site features are densely depicted on the subject property and adjacent properties; however, the scale of these maps is not sufficient to view the majority of onsite and adjacent facilities feature's names.

- 1887** The subject property is depicted as unimproved. The streets surrounding the location of the subject property are Newton Street, Ewen Street (no longer exists), and an unnamed street. The immediate vicinity of the site is also unimproved.
- 1905** The subject property is depicted as unimproved. The streets surrounding the subject property are in their modern configuration; the intersection of Manhattan Avenue, Newton Street, and Eckford Street.
- 1916** The subject property is depicted as improved with a Barrel Shed. A building labeled "Cooperage" is shown to the north. West of the subject property is shown as unimproved, an iron works is shown to the south, and Paint Manufacturing to the southeast.
- 1942** The subject property is depicted as partially developed by Cooperage (formerly to the north). Various types of storage facilities are depicted in the vicinity of the site including lumber storage to the north and truck storage to the south. East of the subject property is illegible.
- 1951** The subject property is still depicted as partially improved by Cooperage. Adjacent to the subject property to the north is depicted as metal container manufacturing.
- 1965** The subject property is depicted with the current site warehouse building; no site usage is indicated on the map. West of the subject property now houses Junior High School No. 126. An auto repair shop (including a filling station) is shown to the northwest. North of the subject property is depicted as storage. East of the site is depicted as a motor station with at least one gas tank.
- 1978 - 1989** The subject property is depicted as unchanged as is the immediate vicinity of the site.
- 1991** The subject property is depicted as unchanged; the lot to the north is no longer labeled as storage.
- 1993 – 2005** The subject property is depicted as unchanged as is the immediate vicinity of the site.
- 2006 – 2007** The subject property is depicted as unchanged however the lot across Newton Street to the south is no longer depicted as truck storage.

Based solely on the review of the Certified Sanborn® Map Report obtained from EDR, environmental concerns were identified associated with the gas tank depicted on the lot immediately to the east of the subject property.

6.5 CITY DIRECTORIES

City directories provide an indication of past activities at and around the subject property by listing the name of the occupant, residential or commercial, by address. URS reviewed city directories obtained from EDR for the years spanning 1928 through 2012 (**Appendix C**).

The subject property addresses identified multiple commercial listings in the 1928 through 2012 city directory abstracts. Of note, the target property at 470 Manhattan Avenue is listed as SherDel Transfer from 1997 through 2012. Haywin Textile Products in 1976, and Greenman Irving Steel Drums in 1949.

Nearby and adjacent addresses were identified with multiple listings in the city directories searched by EDR. Additional information concerning neighboring facilities is discussed further in the appropriate portions of **Section 7.0**.

Based solely on the review of The EDR-City Directory Abstract obtained from EDR, no environmental concerns were identified associated with the historical uses of the subject property or adjacent properties.

6.6 TOPOGRAPHIC MAPS

URS reviewed historic USGS 7.5-minute topographic maps of the *Brooklyn, NY* quadrangle dated 1900, 1924, 1947, 1956, 1967, 1979 and 1995 (**Appendix C**). The following is a summary of the review.

1900-1924 Due to the scale of the topographic map, observations of the subject property and adjacent properties were limited as site-specific detail was not provided. Local roadways were depicted in a slightly different configuration.

1947-1995 The subject property area shown on the maps was shaded indicating it was a developed area of the City of New York. Roadways remained depicted similar to their current configurations surrounding the subject property area except that between 1947 and 1956 the Brooklyn Queens Expressway is now indicated on the maps.

Based solely on the review of the EDR Historical Topographic Map Report, environmental concerns were not identified associated with the historical uses of the subject property or adjacent properties.

7.0 REGULATORY AGENCY REVIEW

7.1 DATABASE SEARCH

URS reviewed information gathered from several environmental databases compiled by EDR in order to evaluate, to the extent possible, whether activities on or near the subject property have the potential to create adverse environmental impacts on the subject property. EDR reviews databases compiled by Federal, state, and local government agencies. The complete list of databases is provided in **Appendix D**.

It should be noted that this information is reported as URS received it from EDR, which in turn reports information as it is provided in various government databases. It is not possible for either URS or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. A description of the pertinent databases searched and the information obtained is summarized below:

AGENCY DATABASE	SURVEY DISTANCE	NO. OF SITES IDENTIFIED
STANDARD ENVIRONMENTAL RECORD SOURCES		
Federal NPL site list	1.0 mile	0
Federal Delisted NPL site list	1.0 mile	0
Federal CERCLIS list	0.5 mile	0
Federal CERCLIS NFRAP site list	0.5 mile	1
Federal RCRA CORRACTS facilities list	1.0 mile	0
Federal RCRA non-CORRACTS TSD facilities list	0.5 mile	0
Federal RCRA generators list	0.25 mile	4
RCRA-LQG		0
RCRA-SQG		6
RCRA-CESQG		
Federal institutional control/engineering control registries	0.5 mile	0
Federal ERNS list	Property	0
State and tribal lists of potentially hazardous waste sites –equivalent CERCLIS: SHWS	1.0 mile	7
VAPOR REOPENED		0
State and tribal landfill and/or solid waste disposal site lists SWF/LF	0.5 mile	1
State and tribal leaking storage tank lists LTANKS	0.5 mile And Target Property	25

AGENCY DATABASE	SURVEY DISTANCE	NO. OF SITES IDENTIFIED
State and tribal registered storage tank lists NY TANKS NY AST NY UST CBS CBS AST CBS UST	0.25 mile and Target property	1 10 15 2 2 0
State and tribal registered storage tank lists MOSF	0.5 mile	0
State and tribal institutional control/engineering control registries INST CONTROL	0.5 mile	0
State and tribal voluntary cleanup sites VCP	0.5 mile	0
State and tribal Brownfield sites BROWNFIELDS	0.5 mile	0
ADDITIONAL ENVIRONMENTAL RECORDS SOURCES		
Local Drycleaners NY DRYCLEANERS	0.25 mile	1
Local Brownfield lists	0.5 mile	0
Federal RCRA generators list RCRA-NonGen	0.25 mile	12
Local New York Known or Suspected Hazardous Substance Waste Disposal Sites (NY HSWDS)	0.5 mile	1
Superfund (CERCLA) Consent Decrees (CONSENT)	1.0 mile	0
Records of Decision (ROD)	1.0 mile	0
Local lists of hazardous waste manifest sites (MANIFEST) NY MANIFEST PA MANIFEST	0.25 mile	21 1
Local lists of landfill/solid waste disposal sites	0.5 mile	0
Local lists of hazardous waste/contaminated sites (SCRD) DRYCLEANERS	0.50 mile	0
Local lists of registered storage tanks HIST UST HIST AST NY DEL SHWS	0.25 mile and Target Property	6 0 4
Records of emergency release reports NY Spills NY Hist Spills E. DESIGNATION	0.25 mile and Target Property	7 0 48
EDR PROPRIETARY RECORDS		
Manufactured Gas Plants	1.0 mile	3
EDR Historical Auto Stations	0.25 mile	22
EDR Historical Cleaners	0.25 mile	6

7.2 SUBJECT PROPERTY

The subject property, at 470 Manhattan Avenue, was identified in the following databases searched by EDR:

- NY E Designation

The subject property's identification as an "e" designated site represents a REC.

7.3 ADJACENT PROPERTIES

The following listing was reported in the EDR database report for adjacent properties.

Berkman Bros. Inc – Eckford St is identified on RCRA – CESQG, FINDS, NY LTANKS, NY MANIFEST, NY CBS databases. Though the site's use is not reported by EDR, they are listed as alternating between small and large quantity hazardous waste generators going back to 1980. Hazardous wastes including arsenic, cyanide, mercury, and zinc cyanide have been manifested for disposal from this site. Based on the wastes that were disposed of from this site, it is likely that some type of electroplating activities have been conducted on the property. Based on the proximity of this site to the subject property and its likely use as an electroplating facility, URS considers this site to be a REC to the subject property.

T & N French Cleaners – 258 Driggs Avenue is identified on the RCRA – CESQG, PA MANIFEST, and US AIRS databases. Although no releases have been reported, based on the site's proximity to the subject property and the site's on-site cleaning services, URS considers this site to be a REC to the subject property.

Former Klink Cosmo Cleaners – 364 Richardson Street is identified on the NY SHWS database. The site is listed as having a significant threat to the public health and/or the environment. Remedial Investigations conducted by NYSDEC began in 2007 and were completed in 2009. The investigation found significant concentrations of PCE and TCE in the soil and groundwater. Based on groundwater elevations in monitoring wells installed during the investigation, groundwater flows to the northeast in the direction of Newtown Creek. Groundwater contamination has contributed to a soil vapor intrusion concern in the area. Although the state's investigation shows groundwater flowing away from the subject property, the subject property is topographically downgradient of the area of the state's investigation. URS considers this site to be a REC to the subject property.

Former Spic and Span Cleaners and Dyers, Inc. – 315 Kingsland Avenue is identified on the NY SHWS database. The site is listed as having a significant threat to the public health and/or the environment. Remedial Investigations conducted by NYSDEC began in 2007 and were completed in 2009. The investigation found significant concentrations of PCE and TCE in soil and groundwater. Based on groundwater elevations in monitoring wells installed during the investigation, groundwater flows north/northeast in the direction of Newtown Creek. Groundwater contamination has contributed to a soil vapor intrusion concern in the area. Although the state's investigation shows groundwater flowing away from the subject property, the subject property is topographically downgradient of the area of the state's investigation. URS considers this site to be a REC to the subject property.

95 Lombardy St / ACME Arch. Pro – 95 Lombardy Street is identified on the NY SHWS, NY UST, and NY HIST UST databases. The site is listed as having a significant threat to the public health and/or the environment. Remedial Investigations conducted by NYSDEC began in 2007 and were completed in 2009. The investigation found significant concentrations of TCE in soil and groundwater. Based on groundwater elevations in monitoring wells installed during the state's investigation, groundwater flows

north/northeast in the direction of Newtown Creek. Groundwater contamination has contributed to a soil vapor intrusion concern in the area. Although the state's investigation shows groundwater flowing away from the subject property, the subject property is topographically downgradient of the area of the state's investigation. URS considers this site to be a REC to the subject property.

ACME Steel Partition Company – 513 Porter Avenue is identified on the RCRA NonGen / NLR, NY SHWS, and NY MANIFEST databases. The site is listed as having a significant threat to the public health and/or the environment. Remedial Investigations conducted by NYSDEC began in 2007 and were completed in 2009. The investigation found significant concentrations of PCE and TCE in soil and groundwater. Based on groundwater elevations in monitoring wells installed during the state's investigation, groundwater flows northeast toward Newtown Creek. Groundwater contamination has contributed to a soil vapor intrusion concern in the area. Although the state's investigation shows groundwater flowing away from the subject property, the subject property is topographically downgradient of the area of the state's investigation. URS considers this site to be a REC to the subject property.

John Huley – 498 Leonard Street is listed on the NY LTANKS, NY SPILLS, and NY E. Designation databases. The site is a sheet metal facility with a spill incident history with NYSDEC. A tank test failure was reported to NYSDEC in 2003 due to a bad vent line and was given spill # 0212132. The on-site tank is listed in NYSDEC database as a five thousand gallon #2 oil tank. The spill was closed in 2006 without remediation when property owner provided NYSDEC with proof of tank vent line repairs and re-test which passed. A spill incident was reported to NYSDEC in October 2012 due to a tank test failure. A spill number was issued (#1205075) by NYSDEC; soil contamination was encountered during an investigation. The NYSDEC spills database lists this spill as being an unknown quantity, no other information regarding remediation was listed in the database. Based on the open spill record and the proximity of this site to the subject property, URS considers this site to be a REC to the subject property.

Mobil Oil Corp SS #FX9 – 550 Humboldt St is identified on the RCRA NonGen / NLR, NY LTANKS, NY UST, and NY Spills databases. There is an open spill number dating back to 1990 associated with this site due to a tank test failure when the site was an active service station. As recently as June 2012, free product was observed in off-site monitoring wells. According to EDR records all tanks associated with the spill have been excavated with contaminated soil; but off-site remediation has not occurred. Based on the documentation of contamination moving off-site, incomplete off-site remediation, and proximity to the subject property, URS considers this site to be a REC to the subject property.

Based on URS' review of the regulatory databases, historical aerial photographs and a reconnaissance of visible areas of properties adjacent to the subject property, the following properties were not considered to represent a potential environmental concern to the subject property, due to the offsite properties are documented or assumed to be hydrogeologically upgradient, and/ or are listed in the database as "closed" or "no further action" (including NFRAP).

Engine Co. 229 FDNY / DDC – 76 Richardson Street is identified on the NY LTANKS database. Open NYSDEC spill record # 9703488 is associated with this site due to a tank failure. Remediation and monitoring is currently being conducted on this site. Free product has been observed in monitoring wells associated with this spill as recently as 2012. This site is listed in EDR records as being downgradient of the subject property, therefore URS does not consider this site to be a REC at this time.

SUBSTATION – 287 Maspeth Avenue is identified on the NY SHWS, NY SWF/LF, NY LTANKS, NY TANKS, NY MANIFEST, NY Spills, NY VCP, and NY MOSF databases. The site is listed as a significant threat to the public health and/or the environment. Site investigations date back to 1986; the site operated as a MGP (Manufactured Gas Plant) plant between 1928 and 1952. Based on its proximity to the site URS does not consider the MGP plant site a REC at this time.

United Ambulette – 495 Graham Avenue is identified on the NY LTANKS database. A spill was called in to NYSDEC on 12/17/2004 due to a tank test failure and was given a spill identification number (0410348). Corrective action was taken and the spill was closed by NYSDEC in 2005.

Carter Spray Finishing – 65 Eckford St is identified on the RCRA – CESQG, TRIS, FTTS, HIST FTTS, NY CBS AST, NY MANIFEST, NY CBS, and US AIRS databases. This facility has conducted metal plating, electroplating, polishing, anodizing, and coloring activities utilizing several hazardous substances. No documented releases were found during the EDR records search therefore URS does not consider this site to be a REC at this time.

7.4 SITE VICINITY

URS reviewed the EDR database report to identify offsite facilities that have suspected or documented environmental concerns or RECs that may negatively impact the subject property. URS' criteria for further evaluating the potential impact of a listed offsite facility are summarized below:

- The listed offsite facility is adjacent to the subject property; or, the listed offsite facility is documented or assumed to be hydrogeologically upgradient and a likely pathway exists for environmentally mobile contaminants to reach the subject property; or, contaminants from the listed offsite facility can reach the subject through other pathways (i.e., surface runoff); and,
- The offsite facility is listed on one of the following databases: Federal NPL, Federal CORRACTS, Federal CERCLIS, Federal ERNS, State SPL, State SCL, State LUST, State Deed Restrictions, State Toxic Pits, Landfill (excluding transfer stations), and is not listed in the database as “closed” or “no further action” (including NFRAP); or,
- The facility adjoins the subject property and is listed as a RCRA large-quantity hazardous waste generator, a CERCLIS NFRAP site, or an UST operator; or
- The facility is a known or suspected concern based on URS' experience or observations made during the site reconnaissance. (i.e., Dry-cleaning operations that may or may not be listed as RCRA-SQG or a non-adjacent UST site that appears to have a remediation system in place).

The EDR database report contains several separate listings on various databases for off-site properties within a one mile radius of the subject property. While a number of the listings meet the criteria listed above, it is the opinion of URS that none of the off-site database listings are likely to be the source of

significant environmental impacts to the subject property, either by releases to the ground surface or through the migration of impacted groundwater. Because of the very long history of commercial and industrial development in the subject property vicinity, it is likely that the quality of groundwater beneath the City of New York has been degraded. There is a very low potential for the owner of the subject property to be held responsible for addressing groundwater impacts that may exist beneath the subject property, due to widespread contamination issues, commingling of plumes and difficulty in allocating responsibility for specific impacts.

7.5 UNMAPPED SITES

URS reviewed EDR's Orphan Summary, which is a listing of sites that have not been geocoded based on lack of sufficient data regarding their exact location within the general area. The subject property was not specifically identified as an Unmapped Site. The twenty unmapped orphan sites listed are considered to have a low potential to have impacted environmental conditions at the subject property because of one or more of the following factors: the reported site status, absence of reported release, the distance from the subject property, and/or the inferred hydrogeologic cross/downgradient location from the subject property.

The review of the Orphan Summary list did not identify properties that are likely to represent an environmental concern to the subject property.

7.6 REGULATORY AGENCY CONTACTS/INTERVIEWS

During the performance of an environmental assessment, State and local regulatory agencies having jurisdiction over the subject property are contacted to evaluate the following information: the status of relevant environmental permits; whether there has been violations, or other similar correspondence from such agencies; whether corrective action or remediation is planned, currently taking place, or has been completed at the subject property; whether there have been reported violations or complaints that the subject property is not in compliance with environmental laws, regulations, or standards, and whether the subject property is under investigation for such non-compliance; whether the subject property is listed on the regulatory databases; and whether there is other pertinent documentation on file with such regulatory agencies regarding the subject property or surrounding sites of concern.

URS contacted the following regulatory agencies for information regarding environmental violations or incidents and/or the status of active enforcement actions at the subject property.

- The City of New York Department of Environmental Protection (NYCDEP);
- The City of New York Department of Health (NYCDOH); and,
- The New York State Department of Environmental Conservation (NYSDEC).

URS have not received a response to date. Should environmentally significant information be obtained from these regulatory agencies, such information will be forwarded as an addendum to this report.

8.0 CONCLUSIONS

URS has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312 *Standards and Practices for All Appropriate Inquiries; Final Rule* for the property located at 470 Manhattan Avenue (subject property). Any exceptions to, or deletions from, this practice are described in the limitations sections of this report.

8.1 FINDINGS

Based on the scope of work conducted for this Phase I ESA, URS presents the following findings in connection with current or historic operations at the subject property:

The subject property at 470 Manhattan Avenue is listed on NY E Designation database so it is a REC. The building at this property is a single story warehouse space that currently houses boxes and shelving. Based on historic documentation reviewed by URS, historic site usage appears to be limited to storage since the current site building was constructed.

Numerous off-site RECs were identified within one mile of the subject property. The RECs are related to sites undergoing active remediation for historic industrial releases including petroleum products and chlorinated solvents.

Based on the findings of this Phase I ESA, URS recommends a Phase II subsurface investigation for the Site. The Phase II should include the collection and analysis of soil, groundwater, and soil vapor samples in accordance with New York State Department of Environmental Conservation guidelines set forth in 6 NYCRR Part 375. Based on the conditions observed during inspection, URS believes that a Phase II ESA could be conducted through the floor of the site building provided the tenant has cleared out its materials from the building (shelving).

8.2 DEVIATIONS

URS' ability to identify past uses of the subject property was limited by the following conditions identified during URS' review of historical resources:

- Individual site features were indiscernible due to the scales of the historic aerial photographs provided by EDR and dense development surrounding the subject property.
- Data gaps of greater than five years were identified in historical information.
- A small amount of the interior space was unavailable for inspection.

During this assessment, URS did not identify other significant data gaps in the reasonably ascertainable information reviewed and described in this report regarding the subject property which would be expected to impact our conclusions. The indiscernible historical resource information is not expected to change the conclusions of this report.

URS did not deviate from the scope of work outlined in URS' proposal to 470 Manhattan Avenue, LLC dated July 12, 2013.

8.3 USER OBLIGATION

To receive/maintain liability protections established under the Brownfields Amendments, in addition to conducting AAI, the purchaser has the continued obligation of:

- Complying with land use restrictions and not impeding the effectiveness or integrity of institutional controls;
- Taking steps with respect to hazardous substances affecting a landowner's property to prevent releases;
- Providing cooperation, assistance and access to EPA, a state, or other party conducting response actions or natural resource restoration at the property;
- Complying with CERCLA information requests and administrative subpoenas; and,
- Providing legally required notices.

9.0 QUALIFICATIONS AND SIGNATURES

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR Part 312.10.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in CFR Part 312 and have performed the Phase I ESA in general conformance with the standards and practices set forth in ASTM E1527-05 subject to the limitations and data gaps as described in this report and authorized scope of work.

This report was prepared and reviewed by:

URS Corporation



Cary Friedman
Project Geologist
URS-New York, NY



Robert Wolff
Principal Environmental Scientist
URS-New York, NY

10.0 REFERENCES

- ASTM, 2005. *American Society for Testing and Materials (ASTM). Standard E Section, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," November 2005.*
- EDR, 2013. *The EDR, Certified Sanborn® Map Report, 470 Manhattan Avenue, Brooklyn, New York 11222. Inquiry Number: 3639403.3. July 31, 2013.*
- EDR, 2013. *The EDR Environmental Lien and AUL Search, 470 Manhattan Avenue, Brooklyn, New York 11222. Inquiry Number: 3639403.7. July 31, 2013.*
- EDR, 2013. *The EDR Property Tax Map Report, 470 Manhattan Avenue, Brooklyn, New York 11222. Inquiry Number: 3639403.8. July 31, 2013.*
- EDR, 2013. *The EDR Aerial Photo Decade Package, 470 Manhattan Avenue, Brooklyn, New York 11222. Inquiry Number: 3639403.5. July 31, 2013.*
- EDR, 2013. *The EDR-City Directory Abstract, 470 Manhattan Avenue, New York 11222. Inquiry Number: 3639403.6. July 31, 2013.*
- EDR, 2013. *The EDR Radius Map™ Report with GeoCheck®, 470 Manhattan Avenue, Brooklyn, New York 11222. Inquiry Number: 3639403.2s. July 31, 2013.*
- USGS, 1995. *United States Geological Survey (USGS), "Brooklyn, NY" 7.5-minute Topographical Map, 1995.*

Figure 1
Site Vicinity Map

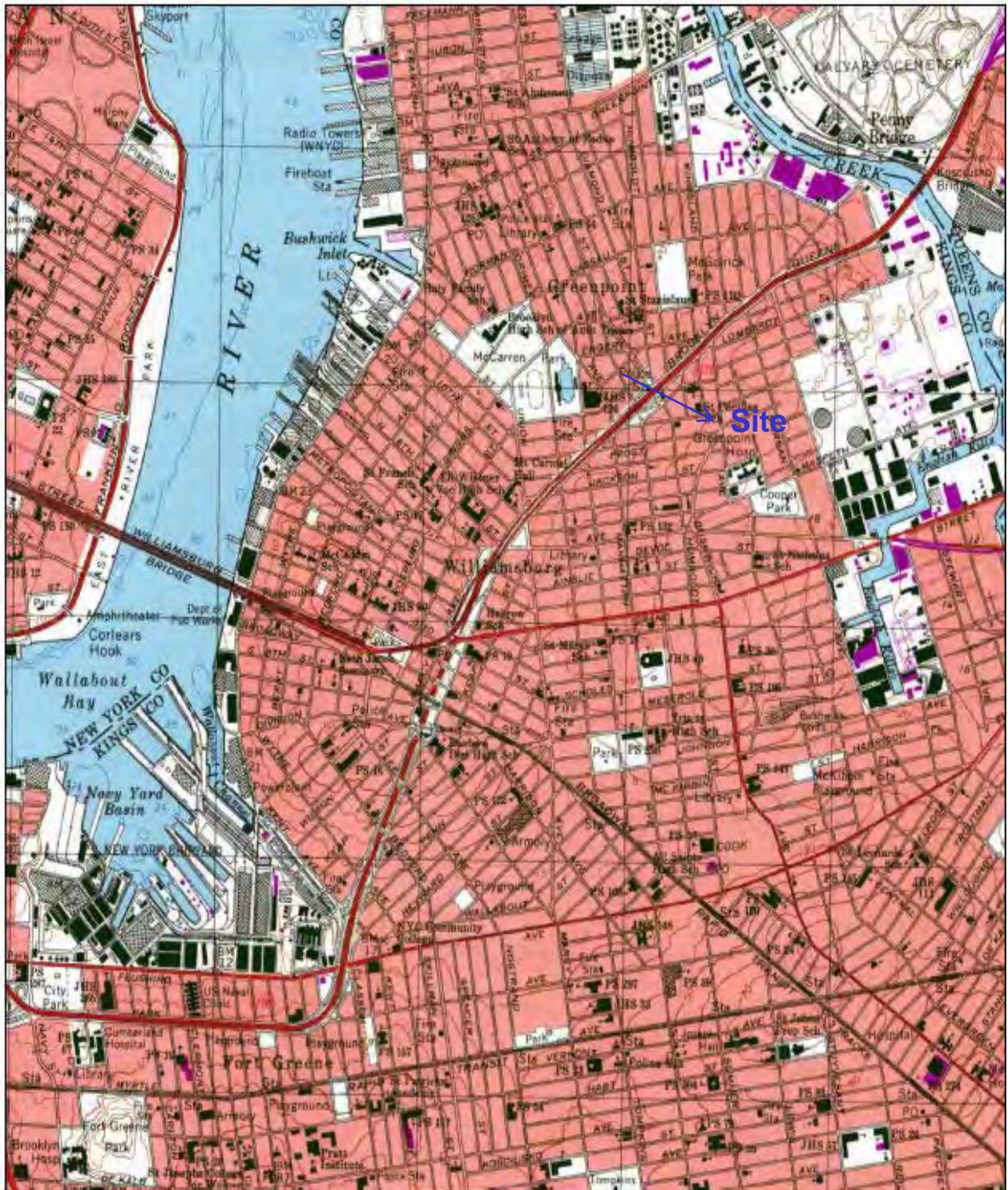


FIGURE 1: SITE VICINITY MAP



Source: USGS Topographic Map 7.5
Minute Series, Brooklyn, New York
(Dated 1995)

ADDRESS: 470 Manhattan Avenue
CITY and COUNTY: Kings County
STATE and ZIP: Brooklyn, NY 11122
URS PROJECT NO.: 03129263
DATE: August 7, 2013

Appendix A

470 Manhattan Ave

470 Manhattan Ave
Brooklyn, NY 11222

Inquiry Number: 3679403.8
August 01, 2013

EDR Environmental Lien and AUL Search

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

470 Manhattan Ave
470 Manhattan Ave
Brooklyn, NY 11222

RESEARCH SOURCE

Source 1:
Kings Recorder
Kings, NY

PROPERTY INFORMATION

Deed 1:

Type of Deed: Deed
Title is vested in: 470 Manhattan LLC
Title received from: Winifred Q. Clark
Deed Dated: 7/3/2012
Deed Recorded: 8/16/2012
Book: NA
Page: NA
Volume: NA
Instrument: 2012071100579003
Docket: NA
Land Record Comments: See Exhibit
Miscellaneous Comments: NA

Legal Description: See Exhibit

Legal Current Owner: 470 Manhattan LLC

Parcel # / Property Identifier: Blk. 2714 / Lot 33

Comments: See Exhibit

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

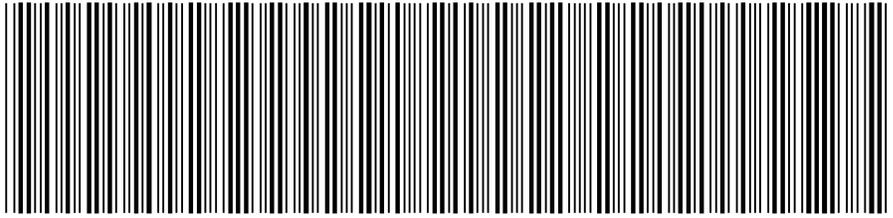
OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found Not Found

Deed Exhibit 1

**NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER**

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.



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RECORDING AND ENDORSEMENT COVER PAGE

PAGE 1 OF 4

Document ID: 2012071100579003 Document Date: 07-03-2012 Preparation Date: 07-11-2012
Document Type: DEED
Document Page Count: 3

<p>PRESENTER: BARRISTER LAND, LLC (BR34299K) AGENTS FOR FIRST AMERICAN 400 POST AVENUE (PICK-UP BY U S T A) WESTBURY, NY 11590 516-877-5050 laurao@blstitle.com</p>	<p>RETURN TO: TO BE PICKED UP BY USTA 2250 E. 4TH STREET - SUITE 7F BROOKLYN, NY 11223</p>
--	---

PROPERTY DATA

Borough	Block Lot	Unit	Address
BROOKLYN	2714 33 Entire Lot		470 MANHATTAN AVENUE
Property Type: INDUSTRIAL BUILDING			

CROSS REFERENCE DATA

CRFN _____ or Document ID _____ or _____ Year _____ Reel _____ Page _____ or File Number _____

PARTIES

<p>GRANTOR/SELLER: WINIFRED Q. CLARK 470 MANHATTAN AVENUE BROOKLYN, NY 11222</p>	<p>GRANTEE/BUYER: 470 MANHATTAN LLC C/O BEDFORD MANAGEMENT CO, 196 BEDFORD AVE BROOKLYN, NY 11249</p>
---	--

FEES AND TAXES

Mortgage		Filing Fee:	
Mortgage Amount:	\$ 0.00	\$	250.00
Taxable Mortgage Amount:	\$ 0.00	NYC Real Property Transfer Tax:	
Exemption:		\$	0.00
TAXES: County (Basic):	\$ 0.00	NYS Real Estate Transfer Tax:	
City (Additional):	\$ 0.00	\$	0.00
Spec (Additional):	\$ 0.00		
TASF:	\$ 0.00		
MTA:	\$ 0.00		
NYCTA:	\$ 0.00		
Additional MRT:	\$ 0.00		
TOTAL:	\$ 0.00		
Recording Fee:	\$ 52.00		
Affidavit Fee:	\$ 0.00		



**RECORDED OR FILED IN THE OFFICE
OF THE CITY REGISTER OF THE
CITY OF NEW YORK**

Recorded/Filed 08-16-2012 16:15
City Register File No.(CRFN):
2012000326440

Annette McMill

City Register Official Signature

B. 2-14
L 33

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT - THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

THIS INDENTURE, made the **3rd** day of **July**, in the year **2012**
BETWEEN

WINIFRED Q. CLARK, having an address at 17 Eakins Lane, Manhasset, NY 11030

Notary Public for the State of New York
Qualified to Perform Duties
in the County of Nassau
My Comm. Expires 03/31/13

party of the first part, and

**470 MANHATTAN LLC, a New York limited liability company having an address at c/o
Bedford Management Co., 196 Bedford Avenue, Brooklyn, New York 11249**

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby remise, release and quitclaim unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the

SEE EXHIBIT "A" ANNEXED HERETO

TOGETHER with all right, title and interest, if any, of the party of the first part of, in and to any streets and roads abutting the above-described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose. The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Winifred Q. Clark
WINIFRED Q. CLARK

USE ACKNOWLEDGMENT FORM BELOW WITHIN NEW YORK STATE ONLY:

State of New York, County of Nassau } ss.:

On the 3 day of July in the year 2012 before me, the undersigned, personally appeared WINIFRED Q. CLARK personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Vanessa Robins Notary Public, State of New York No. 01RO6150881 Qualified in Suffolk County Commission Expires 8/7/2014

ACKNOWLEDGMENT FORM FOR USE WITHIN NEW YORK STATE ONLY: (New York Subscribing Witness Acknowledgment Certificate)

State of New York, County of } ss.:

On the day of in the year before me, the undersigned, personally appeared the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he/she/they reside(s) in

(if the place of residence is in a city, include the street and street number, if any, thereof); that he/she/they know(s)

to be the individual described in and who executed the foregoing instrument; that said subscribing witness was present and saw said

execute the same; and that said witness at the same time subscribed his/her/their name(s) as a witness thereto.

USE ACKNOWLEDGMENT FORM BELOW WITHIN NEW YORK STATE ONLY:

State of New York, County of } ss.:

On the day of in the year before me, the undersigned, personally appeared personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.



ACKNOWLEDGMENT FORM FOR USE OUTSIDE NEW YORK STATE ONLY: (Out of State or Foreign General Acknowledgment Certificate)

State of New York, County of } ss.:

On the day of in the year before me, the undersigned, personally appeared

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), that by his/her/ their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument, and that such individual made such appearance before the undersigned in the

(Insert the city or other political subdivision and the state or country or other place the acknowledgment was taken).

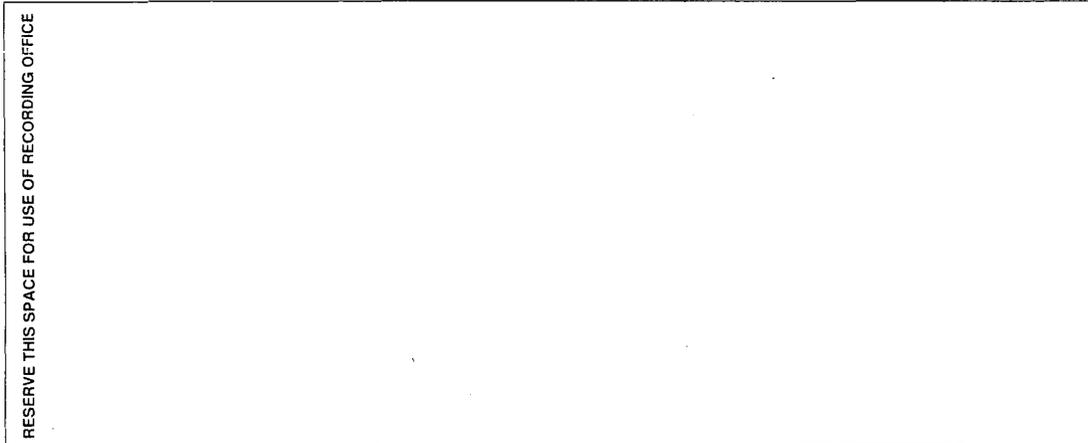
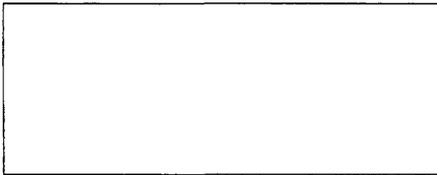
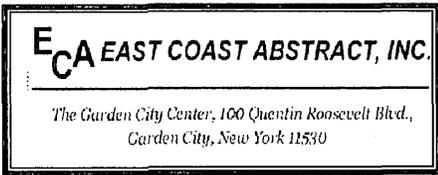
QUITCLAIM DEED

TITLE No. BC 34299K

WINIFRED Q. CLARK TO 470 MANHATTAN LLC

DISTRICT SECTION BLOCK 2114 LOT 33 COUNTY OR TOWN Kings

RECORDED AT REQUEST OF East Coast Abstract, Inc. RETURN BY MAIL TO



Schedule A Description

Title Number BR34299K

Page 1

ALL that certain plot, piece or parcel of land, situate lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at a point on the northwesterly side of Newton Street distant 205 feet southwesterly from the corner formed by the intersection of the northwesterly side of Newton Street and the southwesterly side of Graham Avenue; which said point of beginning is where the northwesterly side of Newton Street is intersected by the southwesterly line of Lot #44 as laid down on a map entitled, "Map of property situated in 17th Ward, City of Brooklyn, belonging to the Estate of William Conselyea surveyed by J. Meserole 12/1880 and filed in the Office of the Register of the County of Kings on 8/8/81;

THENCE Northwesterly along the southwesterly line of said Lot #44 as laid down on said map, 61 feet 7-1/2 inches;

THENCE Westerly along the southerly line of said Lot 42 as laid down on said map, 95 feet 9-3/4 inches to the easterly side of Eckford Street;

THENCE Southerly along the easterly side of Eckford Street, 70 feet 2-1/2 inches to the northeasterly side of Manhattan Avenue;

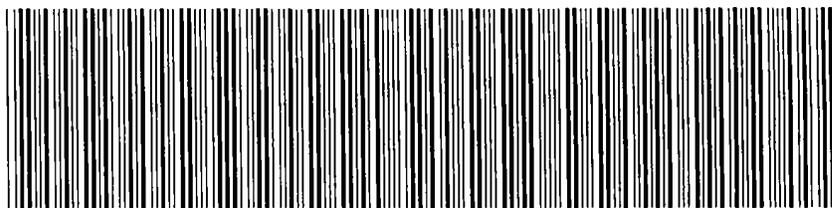
THENCE Southeasterly along the northeasterly side of Manhattan Avenue, 51 feet 6 inches to the northwesterly side of Newton Street;

THENCE Northeasterly along the northwesterly side of Newton Avenue, 117 feet 10-1/2 inches to the point or place of BEGINNING.

Said premises being known as: 470 Manhattan Avenue, Brooklyn

Block: 2714 Lot: 33

NYC DEPARTMENT OF FINANCE
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2012071100579003002S49FD

SUPPORTING DOCUMENT COVER PAGE

PAGE 1 OF 1

Document ID: 2012071100579003

Document Date: 07-03-2012

Preparation Date: 07-11-2012

Document Type: DEED

ASSOCIATED TAX FORM ID: 2012070200358

SUPPORTING DOCUMENTS SUBMITTED:

Page Count

DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING

1

RP - 5217 REAL PROPERTY TRANSFER REPORT

2

SMOKE DETECTOR AFFIDAVIT

1

FOR CITY USE ONLY

C1. County Code C2. Date Deed Recorded / /
 Month Day Year

C3. Book OR C5. CRFN C4. Page



REAL PROPERTY TRANSFER REPORT
 STATE OF NEW YORK
 STATE BOARD OF REAL PROPERTY SERVICES
RP - 5217NYC

PROPERTY INFORMATION

1. Property Location 470 MANHATTAN AVENUE BROOKLYN 11222
STREET NUMBER STREET NAME BOROUGH ZIP CODE

2. Buyer Name 470 MANHATTAN LLC
LAST NAME / COMPANY FIRST NAME

3. Tax Billing Address
Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form)
LAST NAME / COMPANY FIRST NAME
STREET NUMBER AND STREET NAME CITY OR TOWN STATE ZIP CODE

4. Indicate the number of Assessment Roll parcels transferred on the deed 1 # of Parcels OR Part of a Parcel

5. Deed Property Size FRONT FEET X DEPTH OR ACRES

8. Seller Name CLARK WINIFRED Q
LAST NAME / COMPANY FIRST NAME

9. Check the box below which most accurately describes the use of the property at the time of sale:
 A One Family Residential C Residential Vacant Land E Commercial G Entertainment / Amusement I Industrial
 B 2 or 3 Family Residential D Non-Residential Vacant Land F Apartment H Community Service J Public Service

4A. Planning Board Approval - N/A for NYC
 4B. Agricultural District Notice - N/A for NYC
 Check the boxes below as they apply:
 6. Ownership Type is Condominium
 7. New Construction on Vacant Land

SALE INFORMATION

10. Sale Contract Date 7 / 1 / 2012
Month Day Year

11. Date of Sale / Transfer 7 / 3 / 2012
Month Day Year

12. Full Sale Price \$ 0
(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) Please round to the nearest whole dollar amount.

13. Indicate the value of personal property included in the sale

14. Check one or more of these conditions as applicable to transfer:

A Sale Between Relatives or Former Relatives
 B Sale Between Related Companies or Partners in Business
 C One of the Buyers is also a Seller
 D Buyer or Seller is Government Agency or Lending Institution
 E Deed Type not Warranty or Bargain and Sale (Specify Below)
 F Sale of Fractional or Less than Fee Interest (Specify Below)
 G Significant Change in Property Between Taxable Status and Sale Dates
 H Sale of Business is Included in Sale Price
 I Other Unusual Factors Affecting Sale Price (Specify Below)
 J None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class F, 5 16. Total Assessed Value (of all parcels in transfer) 1 7 3 7 0 0
Month Day Year

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))
 BROOKLYN 2714 33

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER		BUYER'S ATTORNEY	
<i>Winfred L. Clark</i>		ROSENBERG CALICA +	
BUYER SIGNATURE	DATE	BIBBY LLP	FIRST NAME
470 MANHATTAN AVE		516	747-7400
STREET NUMBER	STREET NAME (AFTER SALE)	AREA CODE	TELEPHONE NUMBER
BROOKLYN			
	NY	11222	
CITY OR TOWN	STATE	ZIP CODE	
		<i>Winfred L. Clark</i>	
		SELLER SIGNATURE	DATE

**AFFIDAVIT OF COMPLIANCE
WITH SMOKE DETECTOR REQUIREMENT
FOR ONE- AND TWO-FAMILY DWELLINGS**

State of New York)
) SS.:
County of *Noassau*)

The undersigned, being duly sworn, depose and say under penalty of perjury that they are the grantor and grantee of the real property or of the cooperative shares in a cooperative corporation owning real property located at

470 MANHATTAN AVENUE

Street Address		Unit/Apt.	
<u>BROOKLYN</u>	<u>New York,</u>	<u>2714</u>	<u>33</u>
<u>Borough</u>	<u>Block</u>	<u>Lot</u>	(the "Premises");

That the Premises is a one or two family dwelling, or a cooperative apartment or condominium unit in a one- or two-family dwelling, and that installed in the Premises is an approved and operational smoke detecting device in compliance with the provisions of Article 6 of Subchapter 17 of Chapter 1 of Title 27 of the Administrative Code of the City of New York concerning smoke detecting devices;

That they make affidavit in compliance with New York City Administrative Code Section 11-2105 (g). (The signatures of at least one grantor and one grantee are required, and must be notarized).

Name of Grantor (Type or Print)
Winfred L. Clark
Signature of Grantor

Name of Grantee (Type or Print)
Winfred L. Clark
Signature of Grantee

Sworn to before me
this 3 date of *July* 20 12
Vanessa Robins

Sworn to before me
this 3 date of *July* 20 12
Vanessa Robins

Vanessa Robins
Notary Public, State of New York
No. 01RO6150881
Qualified in Suffolk County
Commission Expires 8/7/2014

Vanessa Robins
Notary Public, State of New York
No. 01RO6150881
Qualified in Suffolk County
Commission Expires 8/7/2014



These statements are made with the knowledge that a willfully false representation is unlawful and is punishable as a crime of perjury under Article 210 of the Penal Law.

NEW YORK CITY REAL PROPERTY TRANSFER TAX RETURNS FILED ON OR AFTER FEBRUARY 6th, 1990, WITH RESPECT TO THE CONVEYANCE OF A ONE- OR TWO-FAMILY DWELLING, OR A COOPERATIVE APARTMENT OR A CONDOMINIUM UNIT IN A ONE- OR TWO-FAMILY DWELLING, WILL NOT BE ACCEPTED FOR FILING UNLESS ACCOMPANIED BY THIS AFFIDAVIT.



The City of New York
Department of Environmental Protection
Bureau of Customer Services
59-17 Junction Boulevard
Flushing, NY 11373-5108

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) Property receiving service: BOROUGH: BROOKLYN BLOCK: 2714 LOT: 33

(2) Property Address: 470 MANHATTAN AVENUE, BROOKLYN, NY 11222

(3) Owner's Name: 470 MANHATTAN LLC

Additional Name:

Affirmation:



Your water & sewer bills will be sent to the property address shown above.

Customer Billing Information:

Please Note:

- A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.
- B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address**. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit www.nyc.gov/dep to provide us with the other party's information.

Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner:

Signature: *W. Alfred L. Clark* Date (mm/dd/yyyy)

Name and Title of Person Signing for Owner, if applicable:

Appendix B



One Penn Plaza, Suite 600
New York, NY 10119
Phone: 212-736-4444
Facsimile: 212-629-4249

PHOTOGRAPHIC DOCUMENTATION

CLIENT NAME:
Heatherwood

PROJECT NAME: 470 MANHATTAN AVENUE, BROOKLYN,
NY

URS PROJECT:
03129263

Photo No.
1

Date:
8/2/13

Description:

View looking north on Eckford Street. Subject property visible on right of picture.



Photo No.
2

Date:
8/2/13

Description:

View looking south/south east on Manhattan Avenue. Subject property visible on left of picture.





One Penn Plaza, Suite 600
New York, NY 10119
Phone: 212-736-4444
Facsimile: 212-629-4249

PHOTOGRAPHIC DOCUMENTATION

CLIENT NAME:
Heatherwood

PROJECT NAME: 470 MANHATTAN AVENUE, BROOKLYN,
NY

URS PROJECT:
03129263

Photo No.
3

Date:
8/2/13

Description:
View of subject property
typical roof drain to
sidewalk.



Photo No.
4

Date:
8/2/13

Description:
View looking east on
Newton Street. Subject
property visible on left
of photo.





One Penn Plaza, Suite 600
New York, NY 10119
Phone: 212-736-4444
Facsimile: 212-629-4249

PHOTOGRAPHIC DOCUMENTATION

CLIENT NAME:
Heatherwood

PROJECT NAME: 470 MANHATTAN AVENUE, BROOKLYN,
NY

URS PROJECT:
03129263

Photo No.
5

Date:
8/2/13

Description:

View of typical row of shelving and boxes inside subject property building.



Photo No.
6

Date:
8/2/13

Description:

View inside subject property building of electrical panel.





One Penn Plaza, Suite 600
New York, NY 10119
Phone: 212-736-4444
Facsimile: 212-629-4249

PHOTOGRAPHIC DOCUMENTATION

CLIENT NAME:
Heatherwood

PROJECT NAME: 470 MANHATTAN AVENUE, BROOKLYN,
NY

URS PROJECT:
03129263

Photo No.
7

Date:
8/2/13

Description:
View of warehouse
ceiling inside subject
property building.



Photo No.
8

Date:
8/2/13

Description:
View of possible floor
drain or sump (poor
quality photo).





One Penn Plaza, Suite 600
New York, NY 10119
Phone: 212-736-4444
Facsimile: 212-629-4249

PHOTOGRAPHIC DOCUMENTATION

CLIENT NAME:
Heatherwood

PROJECT NAME: 470 MANHATTAN AVENUE, BROOKLYN,
NY

URS PROJECT:
03129263

Photo No.
9

Date:
8/2/13

Description:
View of second electrical
panel inside subject
property building.



Photo No.
10

Date:
8/2/13

Description:
View of possible
standpipe
(disconnected).



Appendix C



470 Manhattan Ave

470 Manhattan Ave
Brooklyn, NY 11222

Inquiry Number: 3679403.3

July 29, 2013

Certified Sanborn® Map Report

Certified Sanborn® Map Report

7/29/13

Site Name:

470 Manhattan Ave
470 Manhattan Ave
Brooklyn, NY 11222

Client Name:

URS Corporation
5 Penn Plaza
New York, NY 10001



EDR Inquiry # 3679403.3

Contact: Cary Friedman

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by URS Corporation were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting 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 Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: 470 Manhattan Ave
Address: 470 Manhattan Ave
City, State, Zip: Brooklyn, NY 11222
Cross Street:
P.O. # 03129263
Project: 470 Manhattan Ave
Certification # 2743-489B-A850



Sanborn® Library search results
Certification # 2743-489B-A850

Maps Provided:

2007	2001	1988	1980	1916
2006	1996	1987	1979	1905
2005	1995	1986	1978	1887
2004	1993	1983	1965	
2003	1991	1982	1951	
2002	1989	1981	1942	

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, 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.



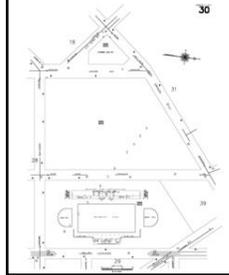
2007 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 30

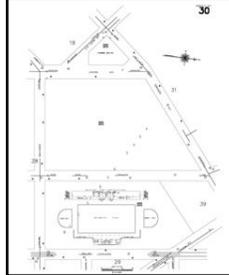
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Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 30

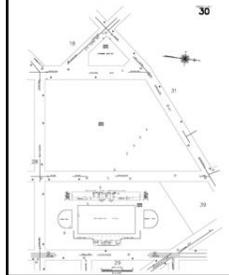
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Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 30

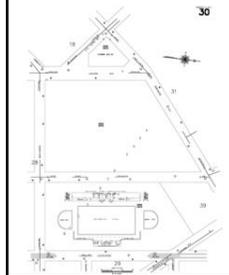
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Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 30

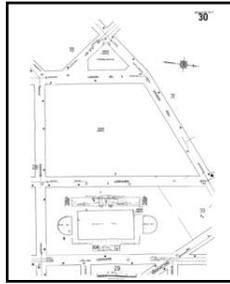
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Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 30

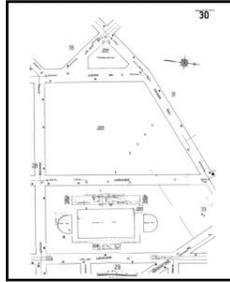
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Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 30

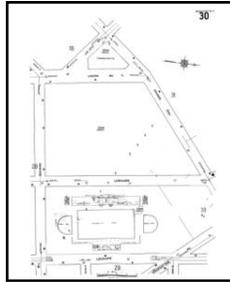
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Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 30

1996 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 30

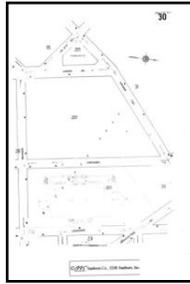
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Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 30

1993 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 30

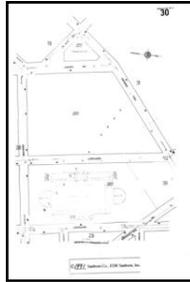
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Volume 4, Sheet 29



Volume 4, Sheet 27



Volume 4, Sheet 30

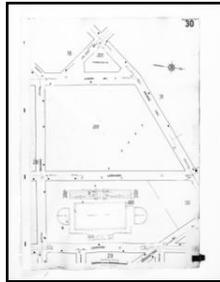
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Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 30

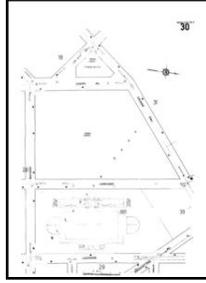
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Volume 4, Sheet 27



Volume 4, Sheet 29



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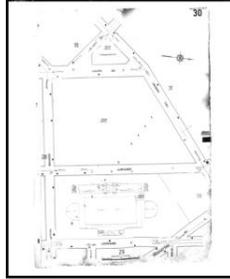
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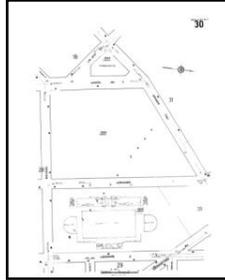
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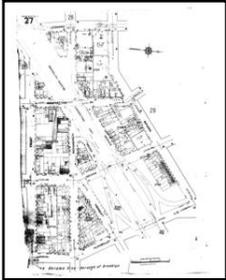


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Volume 4, Sheet 30

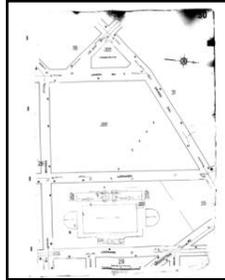
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Volume 4, Sheet 27



Volume 4, Sheet 29



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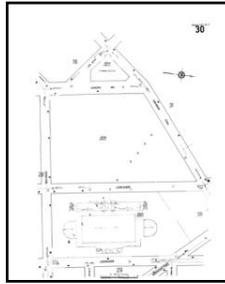
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Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 30

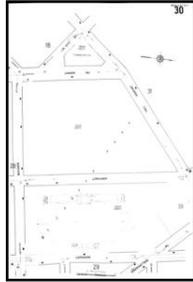
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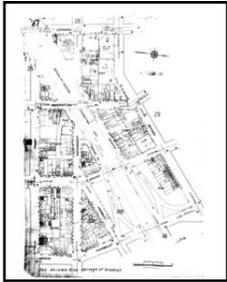


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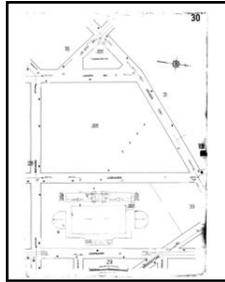
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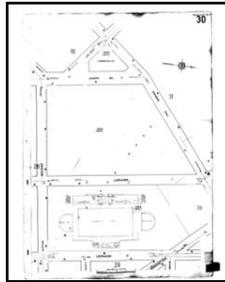
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Volume 4, Sheet 29



Volume 4, Sheet 30

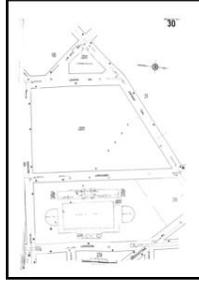
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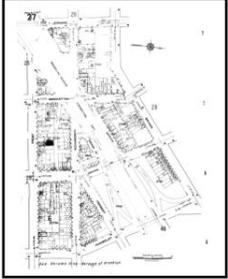


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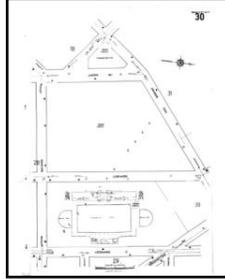
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Volume 4, Sheet 27



Volume 4, Sheet 29



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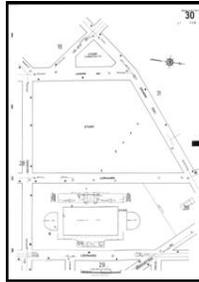
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Volume 4, Sheet 27



Volume 4, Sheet 29



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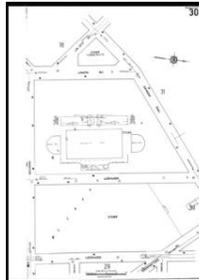
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Volume 4, Sheet 27



Volume 4, Sheet 29

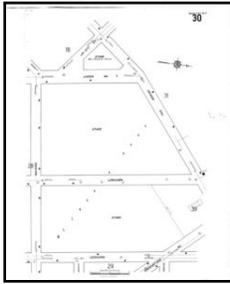


Volume 4, Sheet 30

1916 Source Sheets



Volume 4, Sheet 29



Volume 4, Sheet 30



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1905 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29



Volume 4, Sheet 30

1887 Source Sheets



Volume 4, Sheet 100



Volume 4, Sheet 106



Volume 4, Sheet 107

2007 Certified Sanborn Map



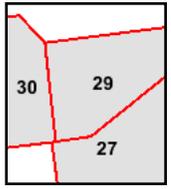
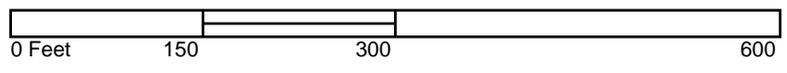
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Certification # 2743-489B-A850

Site Name: 470 Manhattan Ave
 Address: 470 Manhattan Ave
 City, ST, ZIP: Brooklyn NY 11222
 Client: URS Corporation
 EDR Inquiry: 3679403.3
 Order Date: 7/29/2013 4:13:34 PM
 Certification # 2743-489B-A850
 Copyright: 2007



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Volume 4, Sheet 27
 Volume 4, Sheet 29
 Volume 4, Sheet 30



2006 Certified Sanborn Map



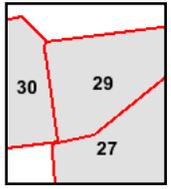
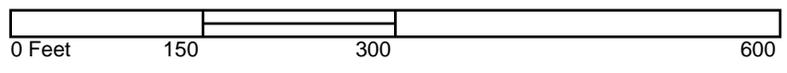
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Certification # 2743-489B-A850

Site Name: 470 Manhattan Ave
 Address: 470 Manhattan Ave
 City, ST, ZIP: Brooklyn NY 11222
 Client: URS Corporation
 EDR Inquiry: 3679403.3
 Order Date: 7/29/2013 4:13:34 PM
 Certification #: 2743-489B-A850
 Copyright: 2006



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- Volume 4, Sheet 29
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2005 Certified Sanborn Map



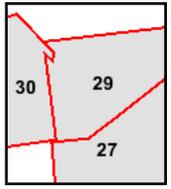
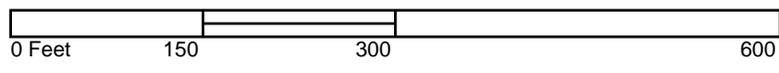
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Certification #
2743-489B-A850

Site Name: 470 Manhattan Ave
 Address: 470 Manhattan Ave
 City, ST, ZIP: Brooklyn NY 11222
 Client: URS Corporation
 EDR Inquiry: 3679403.3
 Order Date: 7/29/2013 4:13:34 PM
 Certification #: 2743-489B-A850
 Copyright: 2005



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



- Volume 4, Sheet 27
- Volume 4, Sheet 29
- Volume 4, Sheet 30



2004 Certified Sanborn Map



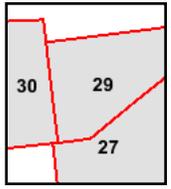
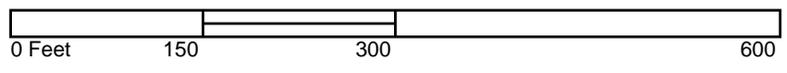
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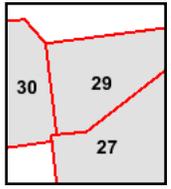
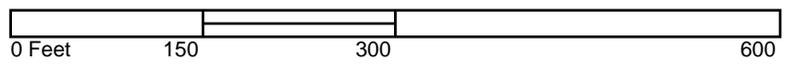
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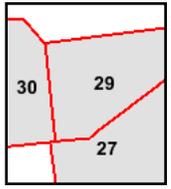
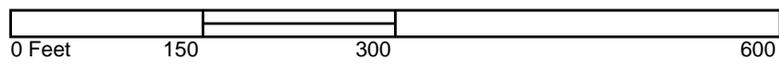
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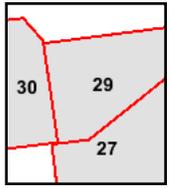
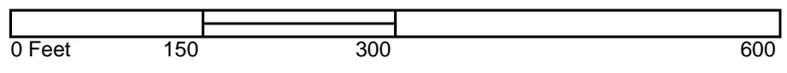
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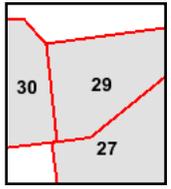
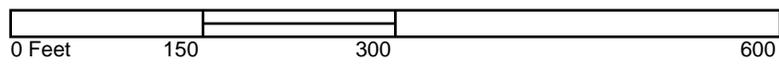
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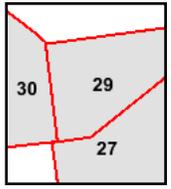
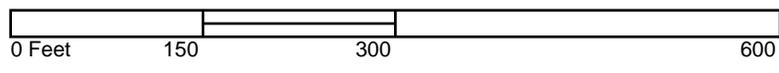
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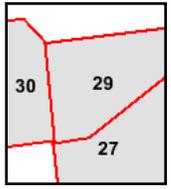
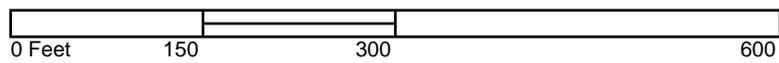
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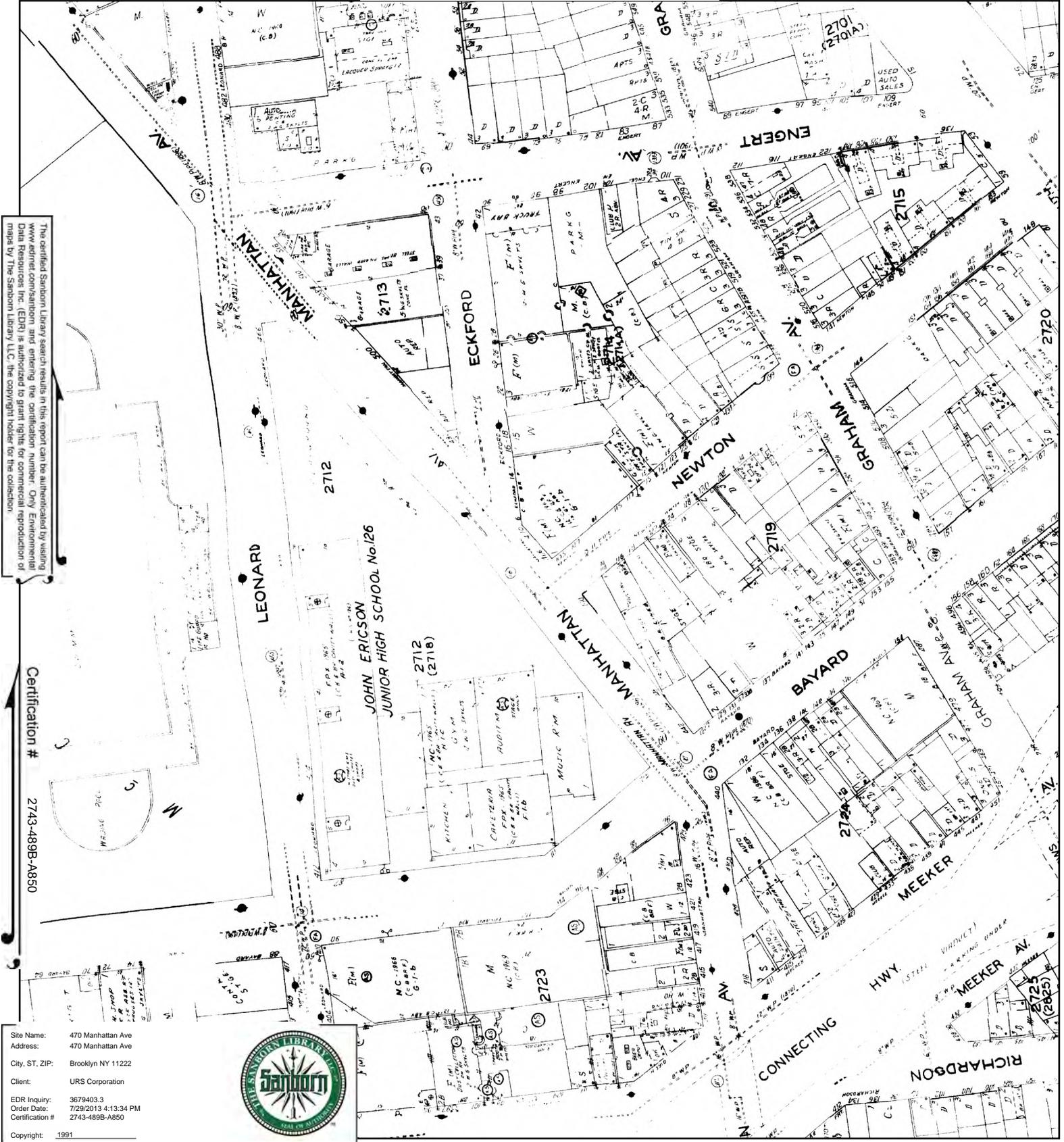
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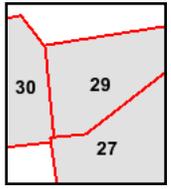
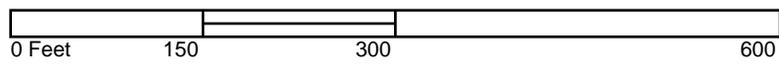
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1989 Certified Sanborn Map



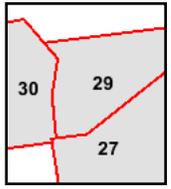
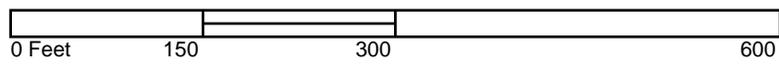
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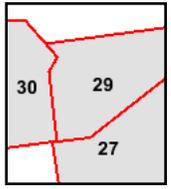
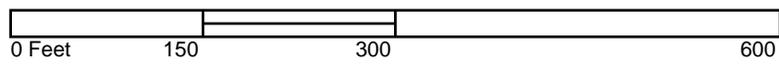
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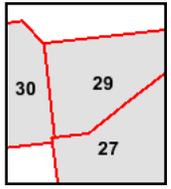
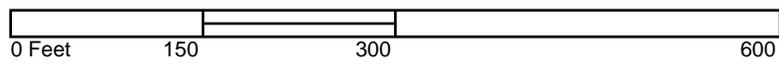
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1986 Certified Sanborn Map



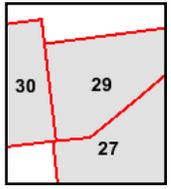
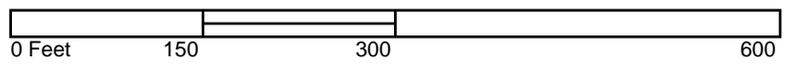
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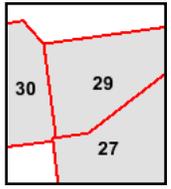
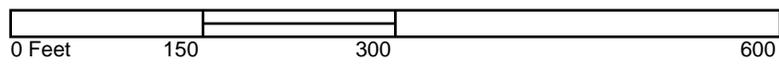
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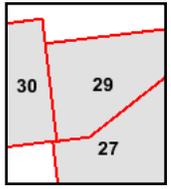
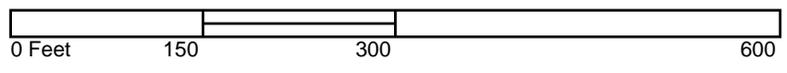
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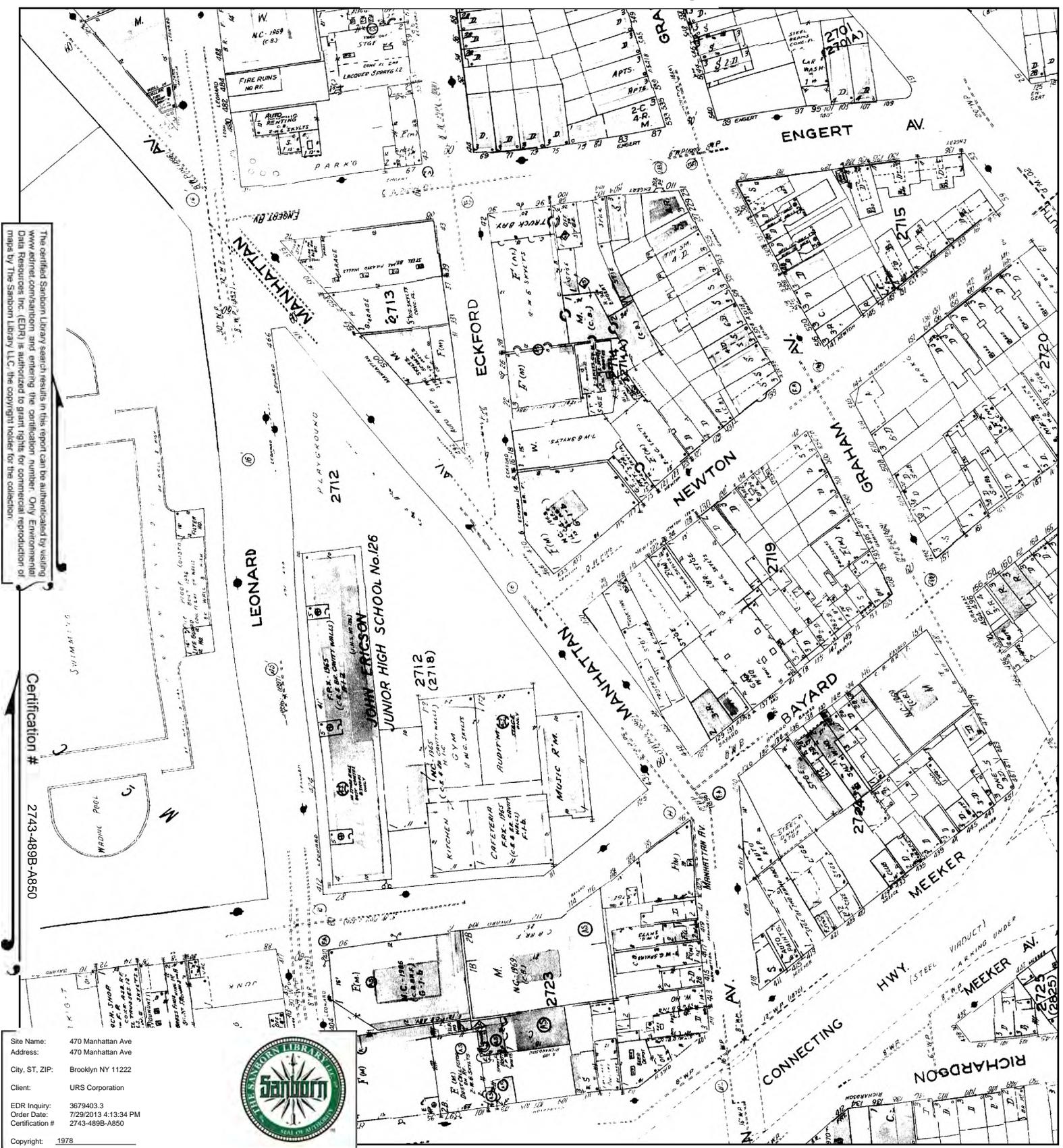


1978 Certified Sanborn Map

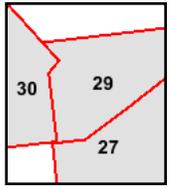
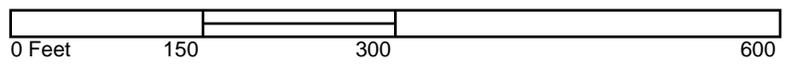
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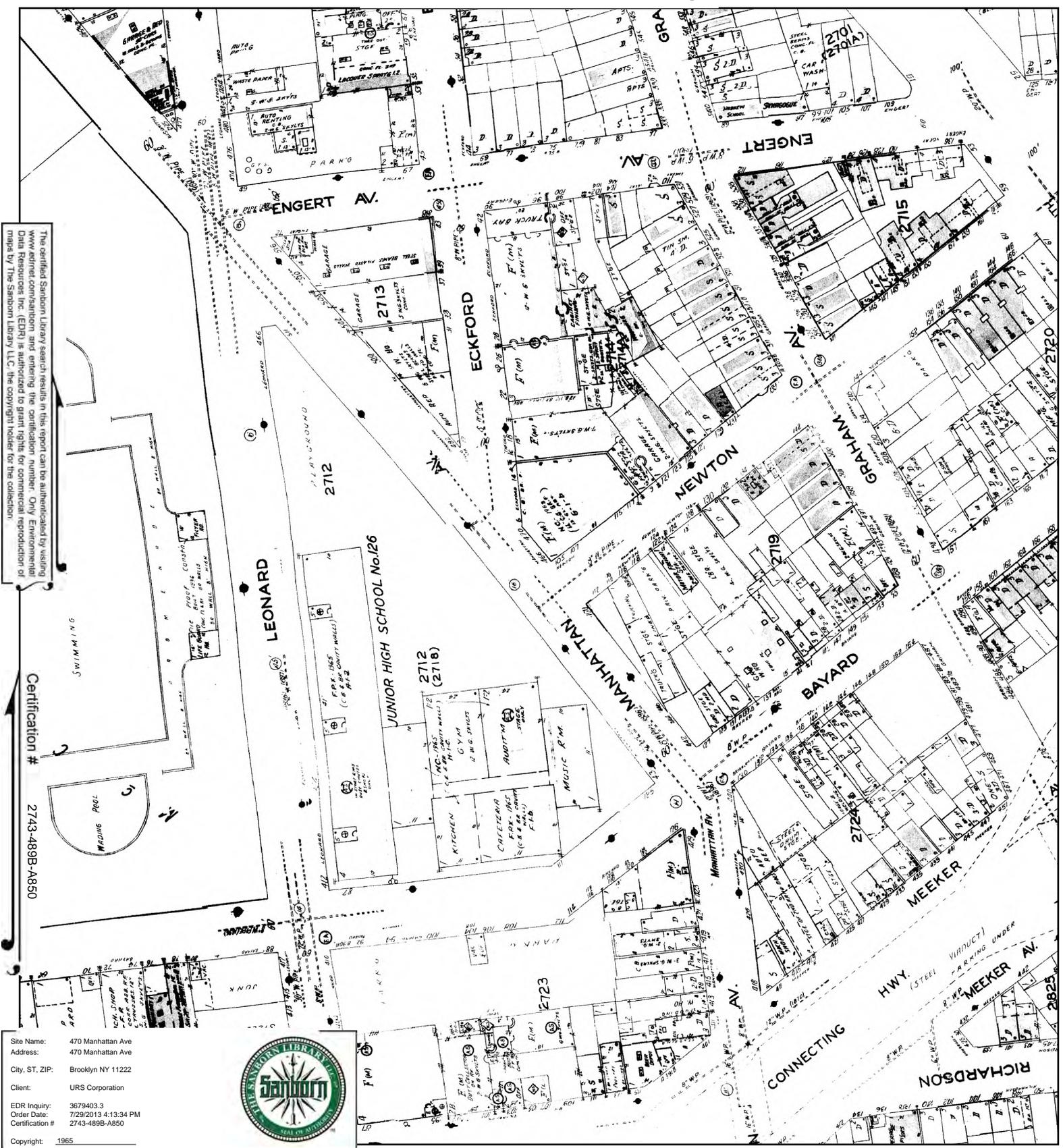


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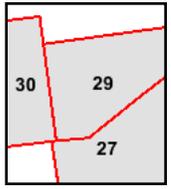
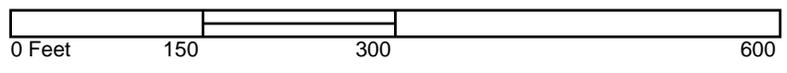
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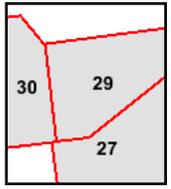
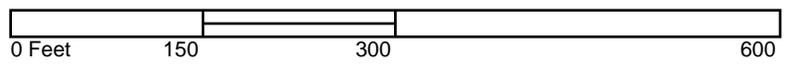
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1942 Certified Sanborn Map



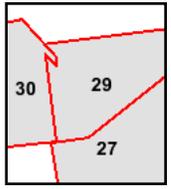
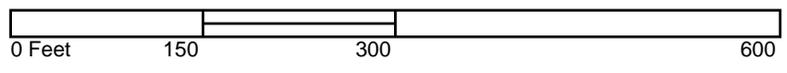
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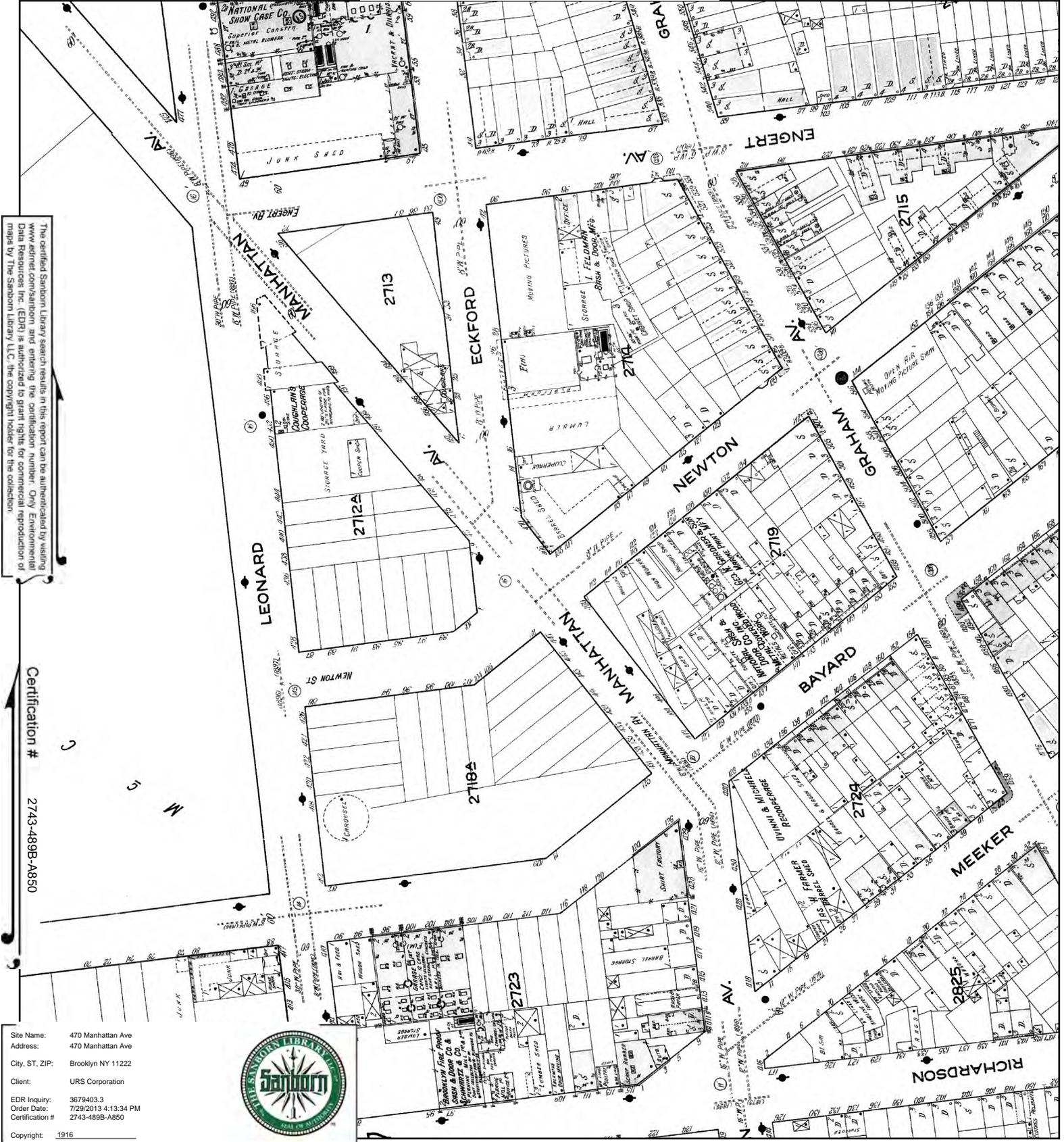
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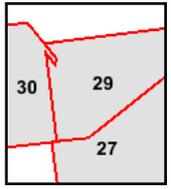
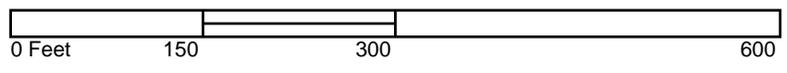
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1905 Certified Sanborn Map



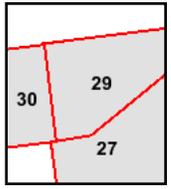
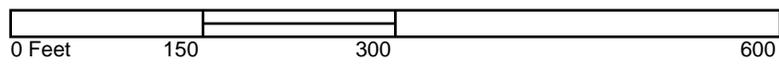
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1887 Certified Sanborn Map



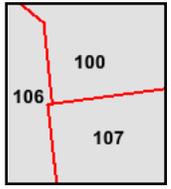
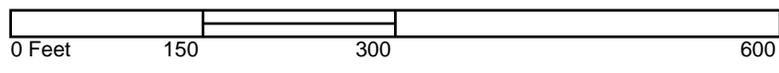
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Certification # 2743-489B-A850

Site Name: 470 Manhattan Ave
 Address: 470 Manhattan Ave
 City, ST, ZIP: Brooklyn NY 11222
 Client: URS Corporation
 EDR Inquiry: 3679403.3
 Order Date: 7/29/2013 4:13:34 PM
 Certification #: 2743-489B-A850
 Copyright: 1887



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



- Volume 4, Sheet 100
- Volume 4, Sheet 106
- Volume 4, Sheet 107





470 Manhattan Ave

470 Manhattan Ave
Brooklyn, NY 11222

Inquiry Number: 3679403.5

July 30, 2013

The EDR Aerial Photo Decade Package



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography July 30, 2013

Target Property:

470 Manhattan Ave

Brooklyn, NY 11222

<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'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: July 01, 1924	EDR
1941	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: January 01, 1941	EDR
1954	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: February 23, 1954	EDR
1966	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: February 23, 1966	EDR
1975	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: April 01, 1975	EDR
1984	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: April 27, 1984	EDR
1994	Aerial Photograph. Scale: 1"=750'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: April 04, 1994	EDR
1994,1995	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Composite DOQQ - acquisition dates: April 04, 1994, March 13, 1995	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Year: 2006	EDR
2009	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Year: 2009	EDR
2011	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Year: 2011	EDR



INQUIRY #: 3679403.5

YEAR: 1924

| = 500'





INQUIRY #: 3679403.5

YEAR: 1941

| = 500'





INQUIRY #: 3679403.5

YEAR: 1954

| = 500'





INQUIRY #: 3679403.5

YEAR: 1966

| = 500'





INQUIRY #: 3679403.5

YEAR: 1975

| = 500'





INQUIRY #: 3679403.5

YEAR: 1984

| = 500'





INQUIRY #: 3679403.5

YEAR: 1994

|—————| = 750'





INQUIRY #: 3679403.5

YEAR: 1994, 1995 (DOQQ)

 = 500'





INQUIRY #: 3679403.5

YEAR: 2006

Scale: = 500'





INQUIRY #: 3679403.5

YEAR: 2009

— = 500'





INQUIRY #: 3679403.5

YEAR: 2011

|—————| = 500'





470 Manhattan Ave

470 Manhattan Ave
Brooklyn, NY 11222

Inquiry Number: 3679403.4

July 29, 2013

EDR Historical Topographic Map Report

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.

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Historical Topographic Map



	TARGET QUAD	SITE NAME: 470 Manhattan Ave	CLIENT: URS Corporation
	NAME: BROOKLYN	ADDRESS: 470 Manhattan Ave Brooklyn, NY 11222	CONTACT: Cary Friedman
	MAP YEAR: 1900	LAT/LONG: 40.7202 / -73.9476	INQUIRY#: 3679403.4
	SERIES: 15		RESEARCH DATE: 07/29/2013
	SCALE: 1:62500		

Historical Topographic Map



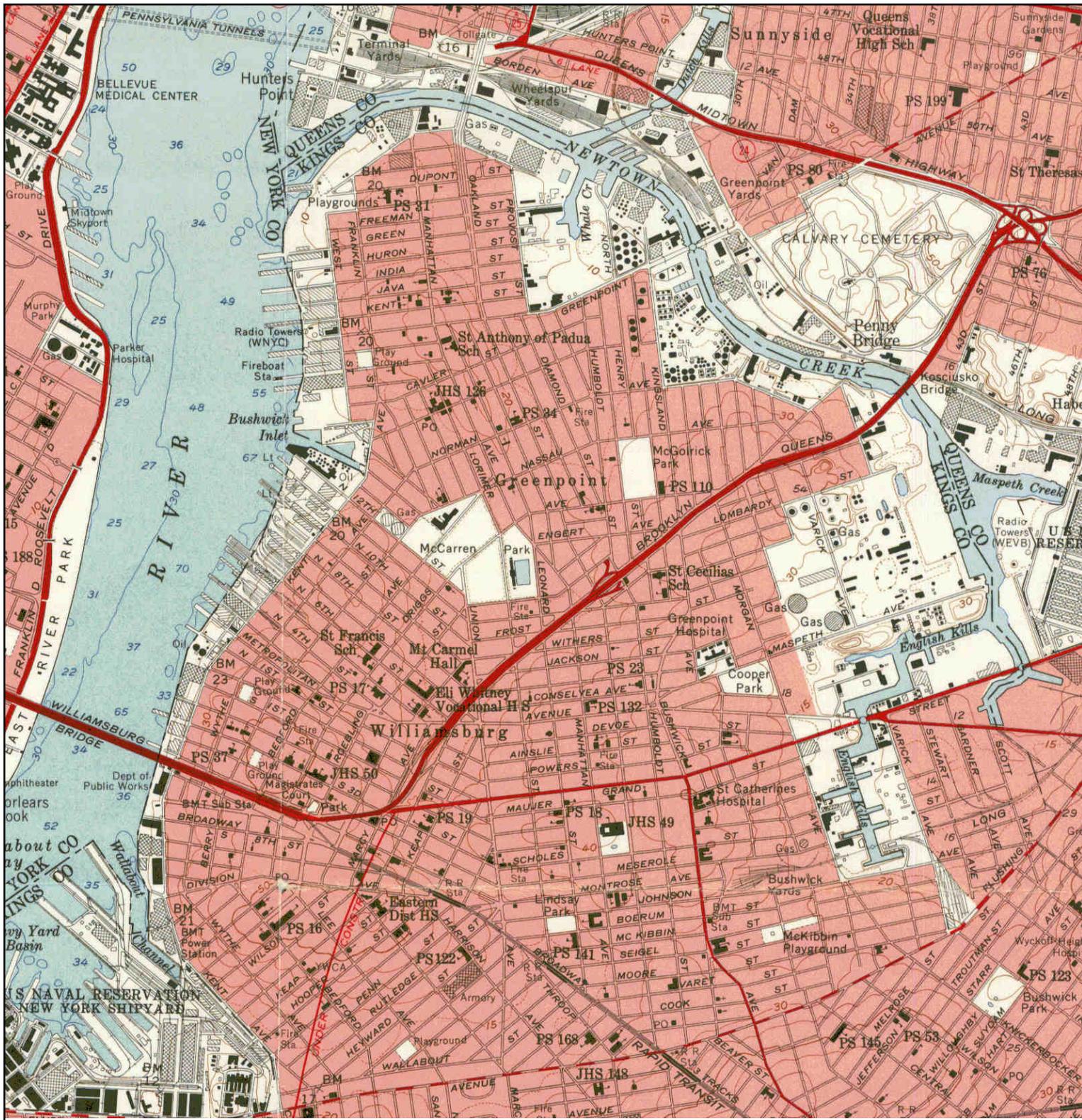
<p>N ↑</p>	TARGET QUAD	SITE NAME:	470 Manhattan Ave	CLIENT:	URS Corporation
	NAME: BROOKLYN	ADDRESS:	470 Manhattan Ave	CONTACT:	Cary Friedman
	MAP YEAR: 1924		Brooklyn, NY 11222	INQUIRY#:	3679403.4
	REVISED FROM :1900	LAT/LONG:	40.7202 / -73.9476	RESEARCH DATE:	07/29/2013
	SERIES: 15				
	SCALE: 1:62500				

Historical Topographic Map



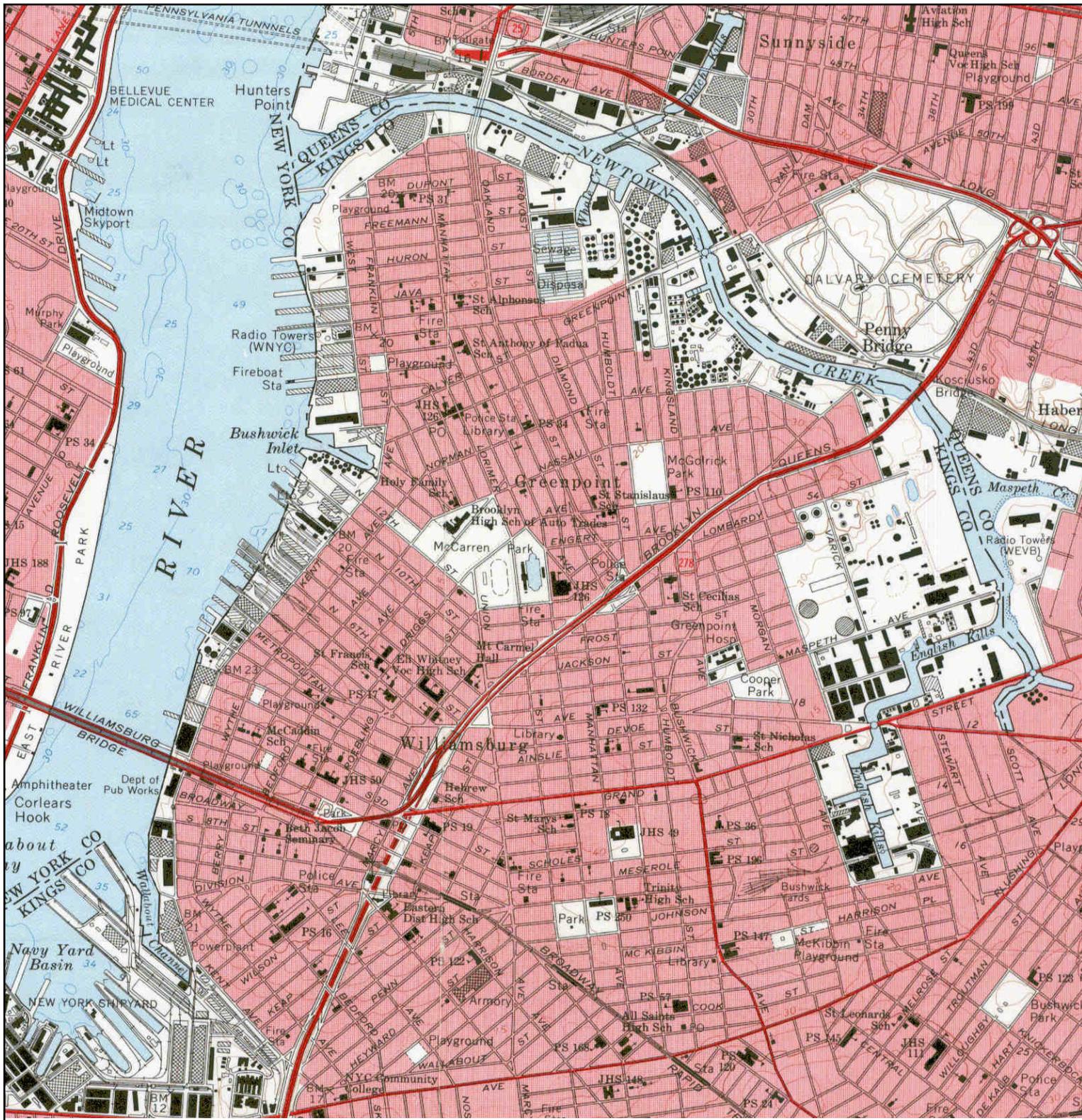
<p>N ↑</p>	<p>TARGET QUAD NAME: BROOKLYN MAP YEAR: 1947</p>	<p>SITE NAME: 470 Manhattan Ave ADDRESS: 470 Manhattan Ave Brooklyn, NY 11222 LAT/LONG: 40.7202 / -73.9476</p>	<p>CLIENT: URS Corporation CONTACT: Cary Friedman INQUIRY#: 3679403.4 RESEARCH DATE: 07/29/2013</p>
	<p>SERIES: 7.5 SCALE: 1:25000</p>		

Historical Topographic Map



	TARGET QUAD NAME: BROOKLYN MAP YEAR: 1956	SITE NAME: 470 Manhattan Ave ADDRESS: 470 Manhattan Ave Brooklyn, NY 11222 LAT/LONG: 40.7202 / -73.9476	CLIENT: URS Corporation CONTACT: Cary Friedman INQUIRY#: 3679403.4 RESEARCH DATE: 07/29/2013
	SERIES: 7.5 SCALE: 1:24000		

Historical Topographic Map



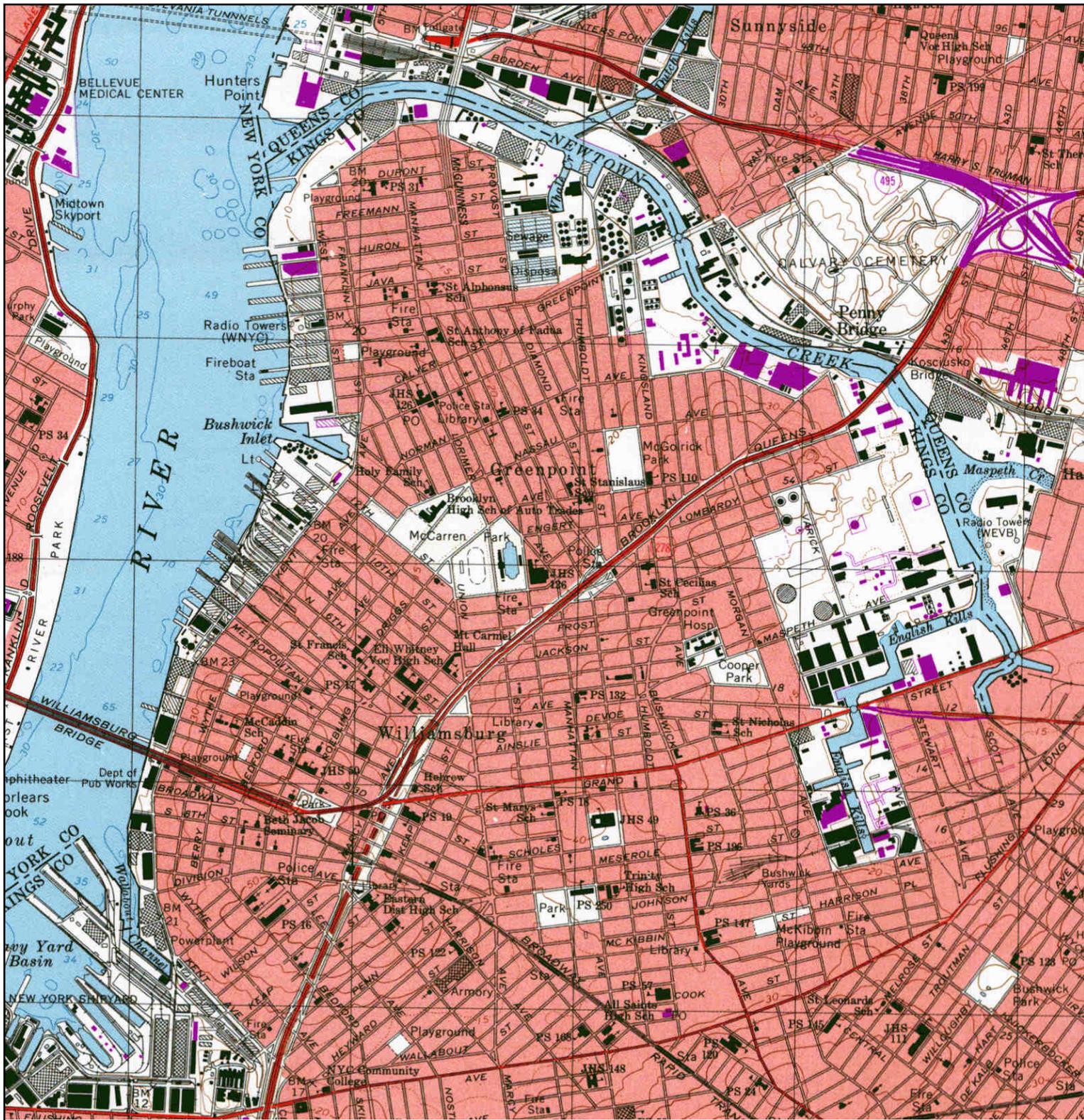
<p>N</p>	<p>TARGET QUAD</p> <p>NAME: BROOKLYN</p> <p>MAP YEAR: 1967</p>	<p>SITE NAME: 470 Manhattan Ave</p> <p>ADDRESS: 470 Manhattan Ave Brooklyn, NY 11222</p> <p>LAT/LONG: 40.7202 / -73.9476</p>	<p>CLIENT: URS Corporation</p> <p>CONTACT: Cary Friedman</p> <p>INQUIRY#: 3679403.4</p> <p>RESEARCH DATE: 07/29/2013</p>
	<p>SERIES: 7.5</p> <p>SCALE: 1:24000</p>		

Historical Topographic Map



	TARGET QUAD	SITE NAME: 470 Manhattan Ave	CLIENT: URS Corporation
	NAME: BROOKLYN	ADDRESS: 470 Manhattan Ave	CONTACT: Cary Friedman
	MAP YEAR: 1979	BROOKLYN, NY 11222	INQUIRY#: 3679403.4
	PHOTOREVISED FROM : 1967	LAT/LONG: 40.7202 / -73.9476	RESEARCH DATE: 07/29/2013
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



<p>N</p> 	<p>TARGET QUAD</p> <p>NAME: BROOKLYN</p> <p>MAP YEAR: 1995</p>	<p>SITE NAME: 470 Manhattan Ave</p> <p>ADDRESS: 470 Manhattan Ave Brooklyn, NY 11222</p> <p>LAT/LONG: 40.7202 / -73.9476</p>	<p>CLIENT: URS Corporation</p> <p>CONTACT: Cary Friedman</p> <p>INQUIRY#: 3679403.4</p> <p>RESEARCH DATE: 07/29/2013</p>
	<p>SERIES: 7.5</p> <p>SCALE: 1:24000</p>		

470 Manhattan Ave

470 Manhattan Ave
Brooklyn, NY 11222

Inquiry Number: 3679403.6
July 29, 2013

The EDR-City Directory Abstract

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City Directory Images

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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 2012. 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>
2012	Cole Information Services	X	-	X	-
2007	Cole Information Services	-	-	-	-
2005	Hill-Donnelly Corporation	X	-	X	-
2000	Cole Information Services	X	-	X	-
1997	NYNEX	X	X	X	-
1992	NYNEX Informantion Resource Co.	X	-	X	-
1985	NYNEX Information Resources Company	X	-	X	-
1980	New York Telephone	-	-	-	-
1976	New York Telephone	X	-	X	-
1973	New York Telephone	-	-	-	-
1970	New York Telephone	-	-	-	-
1965	New York Telephone	X	-	X	-
1960	New York Telephone	-	X	X	-
	New York Telephone Company	-	X	X	-
1949	New York Telephone	X	X	X	-
1945	New York Telephone	X	-	X	-
1940	New York Telephone	X	-	X	-
1934	R. L. Polk & Co.	-	X	X	-
1928	New York Telephone	-	X	X	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

470 Manhattan Ave
Brooklyn, NY 11222

FINDINGS DETAIL

Target Property research detail.

MANHATTAN AVE

470 MANHATTAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	SHERDEL TRANSFER INC	Cole Information Services
2005	Sher Del Transfer Inc	Hill-Donnelly Corporation
2000	SHER-DEL TRNSFR	Cole Information Services
1997	OSORIO M	NYNEX
	Perfect Retention Corp	NYNEX
	Sher Del Transfer Inc	NYNEX
1992	AMEX RIGGING CORP	NYNEX Informantion Resource Co.
	EXPERIENCED MACHINERY MOVERS	NYNEX Informantion Resource Co.
	MARIO S TRUCKING	NYNEX Informantion Resource Co.
	SHER-DEL TRANSFER INC	NYNEX Informantion Resource Co.
1985	AACORN WAREHOUSES INC	NYNEX Information Resources Company
	AMEX RIGGING CORP	NYNEX Information Resources Company
	EXPERIENCED MACHINERY MOVERS	NYNEX Information Resources Company
	MARIO S TRUCKING	NYNEX Information Resources Company
1976	HAYWIN TEXTILE PRODS INC	New York Telephone
1965	Jackson Steel Prods Inc	New York Telephone
1949	Greenman Irving steel drums	New York Telephone
1945	Joseph Max cooperage	New York Telephone
1940	Joseph Max cooperage	New York Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

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

ECKFORD

1-9 ECKFORD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	WEBER-ZUCK LUMHER CO	New York Telephone

6 ECKFORD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Markowitz & Son wooden barrels	New York Telephone
1934	MICHAELS BROS BARREL CO	R. L. Polk & Co.

ECKFORD ST

17 ECKFORD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1997	RUSZCZYK Marian	NYNEX

MANHATTAN AVE

471 MANHATTAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	Fine Jerome quiltg	New York Telephone Company
	Leather Tone plstcs	New York Telephone Company
	Sealtite Quilting Corp	New York Telephone Company
	FINE JEROME QUILTG	New York Telephone
	LEATHER-TONE PLSTCS	New York Telephone
	SEALTITE QUILTING CORP	New York Telephone

477 MANHATTAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1997	ORTIZ S	NYNEX

481 MANHATTAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	I & R TRUCKG CO	New York Telephone
	I & R TRUCKG CO	New York Telephone
	I & R Truckg Co	New York Telephone Company

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	I & R Truckg Co	New York Telephone Company

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

470 Manhattan Ave

Address Not Identified in Research Source

2007, 1980, 1973, 1970, 1960, 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

1-9 ECKFORD

17 ECKFORD ST

471 MANHATTAN AVE

477 MANHATTAN AVE

481 MANHATTAN AVE

6 ECKFORD

Address Not Identified in Research Source

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934

2012, 2007, 2005, 2000, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934, 1928

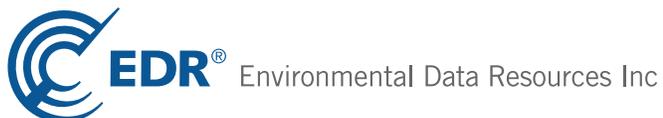
2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1945, 1940, 1928

Appendix D

470 Manhattan Ave
470 Manhattan Ave
Brooklyn, NY 11222

Inquiry Number: 3679403.2s
July 29, 2013

The EDR Radius Map™ Report with GeoCheck®



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Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

470 MANHATTAN AVE
BROOKLYN, NY 11222

COORDINATES

Latitude (North): 40.7202000 - 40° 43' 12.72"
Longitude (West): 73.9476000 - 73° 56' 51.36"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 588884.8
UTM Y (Meters): 4508018.5
Elevation: 16 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: 2010, 2011
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 33,TAXBLOCK 2714 470 MANHATTAN AVENUE BROOKLYN, NY 11222	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

NPL..... National Priority 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 RCRA generators list

RCRA-SQG..... RCRA - Small Quantity Generators

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 CBS UST..... Chemical Bulk Storage Database

EXECUTIVE SUMMARY

NY MOSF UST..... Major Oil Storage Facilities Database
NY MOSF AST..... Major Oil Storage Facilities Database
INDIAN UST..... Underground Storage Tanks on Indian Land
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
NY RES DECL..... Restrictive Declarations Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY ERP..... Environmental Restoration Program Listing
NY BROWNFIELDS..... Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
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
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 90..... SPILLS 90 data from FirstSearch
NY SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

DOT OPS..... Incident and Accident Data

EXECUTIVE SUMMARY

DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
US MINES.....	Mines Master Index File
TSCA.....	Toxic Substances Control Act
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
NY Financial Assurance.....	Financial Assurance Information Listing
LEAD SMELTERS.....	Lead Smelter Sites
2020 COR ACTION.....	2020 Corrective Action Program List
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
COAL ASH DOE.....	Steam-Electric Plant Operation Data

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 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 02/05/2013 has revealed that there is

EXECUTIVE SUMMARY

1 CERC-NFRAP site 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>
CITY BARREL	421-429 MEEKER ST	ESE 0 - 1/8 (0.111 mi.)	N66	144

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 02/12/2013 has revealed that there are 4 RCRA-LQG 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 - MANHOLE 4401	HUMBOLDT ST & BROOME STNE	1/8 - 1/4 (0.205 mi.)	AE135	330
CON EDISON - MANHOLE 64590	RUSSELL ST & ENGERT AVE	ENE 1/8 - 1/4 (0.225 mi.)	AH149	364
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BAYARD HOUSE, LLC	60-64 BAYARD STREET	SW 1/8 - 1/4 (0.134 mi.)	P86	199
NYC DEPT OF PARKS	776 LORIMER STREET	W 1/8 - 1/4 (0.143 mi.)	V99	241

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 02/12/2013 has revealed that there are 6 RCRA-CESQG 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>
<i>BERKMAN BROS INC</i>	<i>ECKFORD ST</i>	<i>NNW 0 - 1/8 (0.105 mi.)</i>	<i>H52</i>	<i>110</i>
<i>CARTER SPRAY FINISHING</i>	<i>65 ECKFORD ST</i>	<i>N 1/8 - 1/4 (0.128 mi.)</i>	<i>S83</i>	<i>180</i>
<i>T & N FRENCH CLEANERS</i>	<i>258 DRIGGS AVE</i>	<i>N 1/8 - 1/4 (0.173 mi.)</i>	<i>Y121</i>	<i>302</i>
162 PRECINCT	43 HERBERT ST	E 1/8 - 1/4 (0.209 mi.)	AG142	359
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>NYC BD OF ED - IS 126K</i>	<i>424 LEONARD ST</i>	<i>SW 0 - 1/8 (0.064 mi.)</i>	<i>E18</i>	<i>33</i>
CON EDISON	LORIMER ST & BAYARD ST	WSW 1/8 - 1/4 (0.159 mi.)	W111	265

EXECUTIVE SUMMARY

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 05/21/2013 has revealed that there are 7 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>
FORMER KLINK COSMO CLEANERS Class Code: Significant threat to the public health or environment - action required.	364 RICHARDSON STREET	E 1/2 - 1 (0.544 mi.)	172	479
FORMER SPIC AND SPAN CLEANERS Class Code: Significant threat to the public health or environment - action required.	315 KINGSLAND AVENUE	NNE 1/2 - 1 (0.576 mi.)	173	481
95 LOMBARDY ST./ACME ARCH. PRO Class Code: Significant threat to the public health or environment - action required.	95 LOMBARDY ST	ENE 1/2 - 1 (0.577 mi.)	174	484
ACME STEEL PARTITION CO INC Class Code: Significant threat to the public health or environment - action required.	513 PORTER AVE	ENE 1/2 - 1 (0.662 mi.)	176	492
SUBSTATION Class Code: Significant threat to the public health or environment - action required.	287 MASPETH AVENUE	E 1/2 - 1 (0.830 mi.)	AK180	502

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BQE/ANSBACHER COLOR & DYE FACT Class Code: Does not present a significant threat to the public health or the environment - action may be deferred.	MEEKER AVENUE	SW 1/4 - 1/2 (0.498 mi.)	171	477
K - WILLIAMSBURG WORKS	KENT AVE & 12TH STREET	WNW 1/2 - 1 (0.618 mi.)	175	491

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 04/22/2013 has revealed that there is 1 NY SWF/LF site 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>
NATIONAL PAPER STOCK; INC.	136 NORTH 10TH STREET	W 1/4 - 1/2 (0.485 mi.)	A1168	470

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 05/21/2013 has revealed that there are

EXECUTIVE SUMMARY

25 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>
UNITED AMBULETTE Spill Number/Closed Date: 0410348 / 5/3/2005	495 GRAHAM AVE	E 0 - 1/8 (0.074 mi.)	F25	59
BERKMAN BROS INC Spill Number/Closed Date: 9214462 / 3/31/1993	ECKFORD ST	NNW 0 - 1/8 (0.105 mi.)	H52	110
JOHN HULEY Spill Number/Closed Date: 0212132 / 9/26/2006 Spill Number/Closed Date: 1206982 / Not Reported	498 LEONARD ST	NNW 1/8 - 1/4 (0.152 mi.)	T103	248
MOBIL OIL CORP SS #FX9 Spill Number/Closed Date: 9007766 / Not Reported	550 HUMBOLDT ST	E 1/8 - 1/4 (0.170 mi.)	117	273
DYMEK HOME Spill Number/Closed Date: 0609437 / 11/22/2006	101 ECKFORD STREET	NNW 1/8 - 1/4 (0.207 mi.)	AD136	331
FROST & MEEKER AVE Spill Number/Closed Date: 9601530 / 8/5/2010	64 FROST STREET	SSW 1/8 - 1/4 (0.208 mi.)	AF137	337
ADAMS DELI Spill Number/Closed Date: 0013080 / 3/14/2001	112 NASSAU AVE	NNW 1/4 - 1/2 (0.294 mi.)	154	389
RESIDENCE Spill Number/Closed Date: 0513280 / 2/21/2006	92 NORMAN AVE	NNW 1/4 - 1/2 (0.419 mi.)	158	416
APARTMENT BLDG Spill Number/Closed Date: 0409577 / 2/4/2005	243 JACKSON STREET	ESE 1/4 - 1/2 (0.425 mi.)	159	417
ALBERTS PLATING WORKS BEADEL S Spill Number/Closed Date: 0510292 / 1/25/2006	32 BEADEL ST	E 1/4 - 1/2 (0.428 mi.)	160	422
139 NORTH 10TH STREET Spill Number/Closed Date: 0306649 / 11/13/2006	139 NORTH 10TH STREET	W 1/4 - 1/2 (0.462 mi.)	AI161	425
WINTER RESIDENCE Spill Number/Closed Date: 0701659 / 5/10/2007	167 N. 9TH ST	WSW 1/4 - 1/2 (0.463 mi.)	162	428
SHELL OIL CO Spill Number/Closed Date: 8900824 / 4/30/1991	2 BUSHWICK AVE	SE 1/4 - 1/2 (0.477 mi.)	AJ164	430
NYC HOUSING AUTHORITY Spill Number/Closed Date: 9515837 / 6/10/2008 Spill Number/Closed Date: 9515713 / 9/14/2009 Spill Number/Closed Date: 9414271 / 3/29/1996 Spill Number/Closed Date: 9414384 / 3/29/1996	295 JACKSON AVE	ESE 1/4 - 1/2 (0.480 mi.)	165	444
MERIT METROPOLITAN Spill Number/Closed Date: 9404715 / 11/22/1994	810 METROPOLITAN AVE	SE 1/4 - 1/2 (0.482 mi.)	AJ166	450
METROPOLITAN AVE/MERRIT Spill Number/Closed Date: 8903546 / 7/10/1989	METROPOLITAN&BUSHWICK	SE 1/4 - 1/2 (0.484 mi.)	AJ167	469
EXXONMOBIL Spill Number/Closed Date: 9608849 / 1/9/1997	546 MORGAN AVENUE	ENE 1/4 - 1/2 (0.488 mi.)	170	471
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONSTRUCTION SITE Spill Number/Closed Date: 0310672 / 12/16/2003	392 LEONARD STREET	SSW 1/8 - 1/4 (0.135 mi.)	R90	223
ENGINE CO. 229 FDNY -DDC Spill Number/Closed Date: 9703488 / Not Reported	76 RICHARDSON STREET	SSW 1/8 - 1/4 (0.142 mi.)	U95	233
68 RICHARDSON STREET Spill Number/Closed Date: 9312569 / 6/11/2001	68 RICHARDSON STREET	SW 1/8 - 1/4 (0.156 mi.)	U107	259

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNKNOWN GAS STATION Spill Number/Closed Date: 0008335 / 10/25/2005	2 ROEBLING ST	WSW 1/4 - 1/2 (0.271 mi.)	153	387
AUTOMOTIVE TRADE HS 610 - BROO Spill Number/Closed Date: 0004062 / 3/21/2005 Spill Number/Closed Date: 0900454 / 3/22/2011	50 BEDFORD AVENUE	WNW 1/4 - 1/2 (0.318 mi.)	155	391
CLOSED-LACKOF RECENT INFO Spill Number/Closed Date: 8706710 / 3/4/2003	275 NORTH 8TH ST.	SW 1/4 - 1/2 (0.401 mi.)	156	410
NASH METALWARE CO, INC Spill Number/Closed Date: 0408142 / 5/11/2009	1 NASSAU AVENUE	WNW 1/4 - 1/2 (0.408 mi.)	157	411
522 METROPOLITAN AVE Spill Number/Closed Date: 9515443 / 2/24/2003	522 METROPOLITAN AVE	SSW 1/4 - 1/2 (0.471 mi.)	163	429

State and tribal registered storage tank lists

NY TANKS: 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.

A review of the NY TANKS list, as provided by EDR, and dated 04/02/2013 has revealed that there is 1 NY TANKS site 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>
NYCDEP	75 FROST ST	SSW 1/8 - 1/4 (0.190 mi.)	AB129	322

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 04/02/2013 has revealed that there are 15 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>
TRICO ELECTRICAL CORP.	495 GRAHAM AVE	E 0 - 1/8 (0.074 mi.)	F26	61
ALL AMERICAN INSTALLATIONS, IN	510 MANHATTAN AVE	NW 0 - 1/8 (0.083 mi.)	I31	70
BRUMAR SHEET METAL	498 LEONARD STREET	NNW 1/8 - 1/4 (0.153 mi.)	T105	254
MOBIL OIL CORP SS #FX9	550 HUMBOLDT ST	E 1/8 - 1/4 (0.170 mi.)	117	273
INTER MASTER CORP	387 MANHATTAN AVE.	SSE 1/8 - 1/4 (0.178 mi.)	125	313
DRASON ENTERPRISE INC.	28 HERBERT STREET	ESE 1/8 - 1/4 (0.186 mi.)	AA128	319
64 FROST ST.	64 FROST STREET	SSW 1/8 - 1/4 (0.208 mi.)	AF139	345
ST. PAULS CENTER	484 HUMBOLDT STREET	ESE 1/8 - 1/4 (0.243 mi.)	152	383
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
474 LEONARD STREET, LLC	474 LEONARD STREET	NW 0 - 1/8 (0.111 mi.)	O61	135
D L BRENNER & SONS INC	407 LEONARD ST	SSW 0 - 1/8 (0.116 mi.)	R74	157
ISRAEL M DOLGIN ASSOC	101 RICHARDSON STREET	S 0 - 1/8 (0.120 mi.)	Q79	173
278 FUEL STOP, INC.	392 LEONARD STREET	SSW 1/8 - 1/4 (0.135 mi.)	R88	214
FDNY ENGINE 229 / LADDER 146	75 RICHARDSON STREET	SSW 1/8 - 1/4 (0.142 mi.)	U96	237
MCCARREN PARK POOL	776 LORIMER STREET	W 1/8 - 1/4 (0.143 mi.)	V100	243
68-70 RICHARDSON STREET CO.	68-70 RICHARDSON STREET	SW 1/8 - 1/4 (0.156 mi.)	U106	256

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 04/02/2013 has revealed that there are 10 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>
534 GRAHAM AVENUE HDFC	534 GRAHAM AVENUE	NNE 0 - 1/8 (0.087 mi.)	J36	82
44 ECKFORD ST	55 ECKFORD STREET	NNW 0 - 1/8 (0.105 mi.)	H51	108
ROY'S REBUILT & ALTERNATORS	75 ECKFORD STREET	N 1/8 - 1/4 (0.149 mi.)	S101	246
ALL BORO	391 LEONARD STREET	SSW 1/8 - 1/4 (0.158 mi.)	110	263
162ND PRECINCT	43 HERBERT STREET	E 1/8 - 1/4 (0.209 mi.)	AG141	357
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
I S 126	424 LEONARD ST	SW 0 - 1/8 (0.064 mi.)	E19	48
A-I AUTO REPAIRS INC.	392 LEONARD STREET	SSW 1/8 - 1/4 (0.135 mi.)	R89	221
FDNY ENGINE 229 / LADDER 146	75 RICHARDSON STREET	SSW 1/8 - 1/4 (0.142 mi.)	U94	230
AINTSAR REALTY	735 LORIMER STREET	WSW 1/8 - 1/4 (0.162 mi.)	W112	266
E. CUCKER INC.	320 DRIGGS AVENUE	NW 1/8 - 1/4 (0.185 mi.)	127	317

NY CBS AST: 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 AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 NY CBS 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>
BERKMAN BROS. INC.	55 ECKFORD ST.	NNW 0 - 1/8 (0.105 mi.)	H50	107
CARTER SPRAY FINISHING	65 ECKFORD ST	N 1/8 - 1/4 (0.128 mi.)	S83	180

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 04/02/2013 has revealed that there are 2 NY CBS 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>
BERKMAN BROS INC	ECKFORD ST	NNW 0 - 1/8 (0.105 mi.)	H52	110
CARTER SPRAY FINISHING	65 ECKFORD ST	N 1/8 - 1/4 (0.128 mi.)	S83	180

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

EXECUTIVE SUMMARY

NY DEL SHWS: A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

A review of the NY DEL SHWS list, as provided by EDR, and dated 05/21/2013 has revealed that there are 4 NY DEL 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>
CITY BARREL CO.	421-429 MEEKER STREET	ESE 0 - 1/8 (0.112 mi.)	N68	146
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL OIL BROOKLYN TERMINAL	300 NORTH HENRY STREET	NNE 1/2 - 1 (0.673 mi.)	177	500
FORMER MANHATTAN ADHESIVES PLA	425-459 GREENPOINT AVEN	NNE 1/2 - 1 (0.920 mi.)	181	526
BCF OIL REFINING, INC.	360 MASPETH AVENUE	E 1/2 - 1 (0.932 mi.)	182	528

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 6 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>
DRASON ENTERPRISE INC.	28 HERBERT STREET	ESE 1/8 - 1/4 (0.186 mi.)	AA128	319
NYCDEP	75 FROST ST	SSW 1/8 - 1/4 (0.190 mi.)	AB129	322
64 FROST ST.	64 FROST STREET	SSW 1/8 - 1/4 (0.208 mi.)	AF139	345
ST. PAULS CENTER	484 HUMBOLDT STREET	ESE 1/8 - 1/4 (0.243 mi.)	152	383
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
D L BRENNER & SONS INC	407 LEONARD ST	SSW 0 - 1/8 (0.116 mi.)	R74	157
68-70 RICHARDSON STREET CO.	68-70 RICHARDSON STREET	SW 1/8 - 1/4 (0.156 mi.)	U106	256

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 05/21/2013 has revealed that there are 7 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>
COMMERCIAL PROPERTY	120 NEWTON AVENUE	NE 0 - 1/8 (0.059 mi.)	C12	25
Spill Number/Closed Date: 0408368 / 7/25/2005				
CHLORINE FACTORY	126 NEWTON ST	NE 0 - 1/8 (0.060 mi.)	C16	30
Spill Number/Closed Date: 9809496 / 2/12/2003				
GREEN POINT CAR WASH, INC.	(AKA AUTOCLEAN CARWASH,	NNE 0 - 1/8 (0.114 mi.)	72	153
Spill Number/Closed Date: 0705867 / 9/13/2007				

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VS 3971 Spill Number/Closed Date: 9900576 / 4/26/1999	BAYARD ST/LENARD ST	SW 0 - 1/8 (0.087 mi.)	K37	86
CONSTRUCTION SITE Spill Number/Closed Date: 0401691 / 7/11/2005	474 LEONARD STREET	NW 0 - 1/8 (0.111 mi.)	O59	132
D L BRENNER & SONS INC Spill Number/Closed Date: 0130048 / 2/18/2005	407 LEONARD ST	SSW 0 - 1/8 (0.116 mi.)	R74	157
COMMERCIAL LOT Spill Number/Closed Date: 0409303 / 11/19/2004	407 LEONARD STREET/BAYA	SSW 0 - 1/8 (0.117 mi.)	R77	171

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 02/12/2013 has revealed that there are 12 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>
CITY BARREL & DRUM CO INC	421 MEEKER AVE	ESE 0 - 1/8 (0.111 mi.)	N67	144
LVSTIG BROS INC	501 LEONARD ST	NNW 1/8 - 1/4 (0.157 mi.)	T108	261
CON EDISON MANHOLE 64805	MEEKER AVE & FROST ST	S 1/8 - 1/4 (0.164 mi.)	X115	271
MOBIL OIL CORP SS #FX9	550 HUMBOLDT ST	E 1/8 - 1/4 (0.170 mi.)	117	273
CARTER SPRAY-257 DRIGGS AVE	257 DRIGGS AVE	N 1/8 - 1/4 (0.171 mi.)	Y118	297
CON EDISON MANHOLE M64806	GRAHAM AVE & DRIGGS ST	N 1/8 - 1/4 (0.174 mi.)	Z122	310
CON EDISON MANHOLE 4916	GRAHAM AVE & FROST ST	SE 1/8 - 1/4 (0.201 mi.)	AC132	326
SERVICE STATION	64 FROST ST	SSW 1/8 - 1/4 (0.208 mi.)	AF138	344
NYSDOT BQE PROJECT	MEEKER & LORIMER ST	SSW 1/8 - 1/4 (0.238 mi.)	151	367

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
H T JEWELRY MFG CO INC	477 LEONARD ST	NW 0 - 1/8 (0.102 mi.)	I45	98
GRAF AIR PROPERTY	407 LEONARD ST	SSW 0 - 1/8 (0.116 mi.)	R75	166
NYC FIRE DEPT ENGINE CO 229	75 RICHARDSON ST	SSW 1/8 - 1/4 (0.142 mi.)	U97	239

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 is 1

EXECUTIVE SUMMARY

NY HSWDS site 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>
CITY BARREL	421 MEEKER STREET	ESE 0 - 1/8 (0.111 mi.)	N65	142

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 05/01/2013 has revealed that there are 21 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>
BERKMAN BROS INC	ECKFORD ST	NNW 0 - 1/8 (0.105 mi.)	H52	110
CARTER SPRAY FINISHING	65 ECKFORD ST	N 1/8 - 1/4 (0.128 mi.)	S83	180
CON EDISON	65 ECKFORD ST	N 1/8 - 1/4 (0.128 mi.)	S84	198
CONSOLIDATED EDISON	BROOME ST & GRAHAM AVE	N 1/8 - 1/4 (0.136 mi.)	92	228
CONSOLIDATED EDISON	MEEKER AVE AND FROST ST	S 1/8 - 1/4 (0.164 mi.)	X114	270
VANITY CLEANERS	258 DRIGGS AVENUE	N 1/8 - 1/4 (0.173 mi.)	Y120	302
CON EDISON MANHOLE M64806	GRAHAM AVE & DRIGGS ST	N 1/8 - 1/4 (0.174 mi.)	Z122	310
CONSOLIDATED EDISON	DRIGGS AVE & GRAHAM AVE	N 1/8 - 1/4 (0.174 mi.)	Z123	312
NYCDEP	75 FROST ST	SSW 1/8 - 1/4 (0.190 mi.)	AB129	322
CONSOLIDATED EDISON	HUMBOLT ST & HERBERT ST	ESE 1/8 - 1/4 (0.196 mi.)	AA130	325
CON EDISON MANHOLE 4916	GRAHAM AVE & FROST ST	SE 1/8 - 1/4 (0.201 mi.)	AC132	326
CONSOLIDATED EDISON	HUMBOLDT ST & BROOME ST	NE 1/8 - 1/4 (0.205 mi.)	AE134	328
CONSOLIDATED EDISON	RUSSELL ST & ENGERT AVE	ENE 1/8 - 1/4 (0.225 mi.)	AH150	366
NYSDOT BQE PROJECT	MEEKER & LORIMER ST	SSW 1/8 - 1/4 (0.238 mi.)	151	367

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYC BD OF ED - IS 126K	424 LEONARD ST	SW 0 - 1/8 (0.064 mi.)	E18	33
CONSOLIDATED EDISON	BAYARD ST & LEONARD ST	SW 0 - 1/8 (0.087 mi.)	K38	87
H T JEWELRY MFG CO INC	477 LEONARD ST	NW 0 - 1/8 (0.102 mi.)	I45	98
D L BRENNER & SONS INC	407 LEONARD ST	SSW 0 - 1/8 (0.116 mi.)	R74	157
BAYARD HOUSE LLC	60-64 BAYARD STREET	SW 1/8 - 1/4 (0.134 mi.)	P87	201
NYC DEPT OF PARKS	776 LORIMER STREET	W 1/8 - 1/4 (0.143 mi.)	V98	241
CON EDISON	39 RICHARDSON ST	SW 1/8 - 1/4 (0.208 mi.)	140	356

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 05/01/2013 has revealed that there is 1 PA MANIFEST site 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>
T & N FRENCH CLEANERS	258 DRIGGS AVE	N 1/8 - 1/4 (0.173 mi.)	Y121	302

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 04/19/2013 has revealed that there is 1 NY DRYCLEANERS site 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>
VANITY CLEANERS	258 DRIGGS AVENUE	N 1/8 - 1/4 (0.173 mi.)	Y120	302

EXECUTIVE SUMMARY

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 06/17/2013 has revealed that there are 47 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 7501,TAXBLOCK 2719	460 MANHATTAN AVENUE	SSE 0 - 1/8 (0.007 mi.)	A4	12
LOT 1,TAXBLOCK 2713	494 MANHATTAN AVENUE	NW 0 - 1/8 (0.044 mi.)	5	13
LOT 7502,TAXBLOCK 2719	122 NEWTON STREET	NE 0 - 1/8 (0.058 mi.)	C8	18
LOT 32,TAXBLOCK 2714	119 NEWTON STREET	NE 0 - 1/8 (0.059 mi.)	C9	20
LOT 30,TAXBLOCK 2714	125 NEWTON STREET	NE 0 - 1/8 (0.059 mi.)	C10	21
LOT 11,TAXBLOCK 2719	122 NEWTON STREET	NE 0 - 1/8 (0.059 mi.)	C11	23
LOT 14,TAXBLOCK 2719	126 NEWTON STREET	NE 0 - 1/8 (0.060 mi.)	C15	28
LOT 31,TAXBLOCK 2719	143 BAYARD STREET	ESE 0 - 1/8 (0.063 mi.)	D17	31
LOT 18,TAXBLOCK 2724	146 BAYARD STREET	ESE 0 - 1/8 (0.069 mi.)	D21	53
LOT 9,TAXBLOCK 2720	514 GRAHAM AVENUE	ENE 0 - 1/8 (0.071 mi.)	C22	54
LOT 10,TAXBLOCK 2720	516 GRAHAM AVENUE	NE 0 - 1/8 (0.071 mi.)	C23	56
LOT 7502,TAXBLOCK 2713	84 ENGERT AVENUE	NNW 0 - 1/8 (0.083 mi.)	H30	68
LOT 7501,TAXBLOCK 2713	76 ENGERT AVENUE	NNW 0 - 1/8 (0.083 mi.)	H32	73
LOT 13,TAXBLOCK 2714	100 ENGERT AVENUE	N 0 - 1/8 (0.084 mi.)	33	74
LOT 7501,TAXBLOCK 2698	49 ENGERT AVENUE	NNW 0 - 1/8 (0.086 mi.)	H35	81
LOT 46,TAXBLOCK 2720	167 BAYARD STREET	E 0 - 1/8 (0.095 mi.)	F40	90
LOT 1,TAXBLOCK 2701	540 GRAHAM AVENUE	NNE 0 - 1/8 (0.096 mi.)	J41	92
LOT 45,TAXBLOCK 2720	169 BAYARD STREET	E 0 - 1/8 (0.098 mi.)	F42	93
LOT 2,TAXBLOCK 2701	542 GRAHAM AVENUE	NNE 0 - 1/8 (0.100 mi.)	J43	95
LOT 44,TAXBLOCK 2720	171 BAYARD STREET	E 0 - 1/8 (0.100 mi.)	L44	97
LOT 43,TAXBLOCK 2720	173 BAYARD STREET	E 0 - 1/8 (0.103 mi.)	L47	102
LOT 41,TAXBLOCK 2720	177 BAYARD STREET	E 0 - 1/8 (0.108 mi.)	L53	123
LOT 1,TAXBLOCK 2724	411 MEEKER AVENUE	ESE 0 - 1/8 (0.110 mi.)	N56	128
LOT 19,TAXBLOCK 2720	179 BAYARD STREET	E 0 - 1/8 (0.110 mi.)	L57	130
LOT 37,TAXBLOCK 2724	417 MEEKER AVENUE	ESE 0 - 1/8 (0.111 mi.)	N62	139
LOT 34,TAXBLOCK 2724	419 MEEKER AVENUE	ESE 0 - 1/8 (0.111 mi.)	N63	140
LOT 31,TAXBLOCK 2724	433 MEEKER AVENUE	ESE 0 - 1/8 (0.112 mi.)	N69	148
LOT 30,TAXBLOCK 2724	435 MEEKER AVENUE	ESE 0 - 1/8 (0.113 mi.)	N70	150
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 10,TAXBLOCK 2724	130 BAYARD STREET	SE 0 - 1/8 (0.055 mi.)	B6	15
LOT 12,TAXBLOCK 2724	134 BAYARD STREET	SE 0 - 1/8 (0.056 mi.)	B7	16
LOT 32,TAXBLOCK 2719	137 BAYARD STREET	ESE 0 - 1/8 (0.059 mi.)	B13	26
LOT 7,TAXBLOCK 2723	100 BAYARD STREET	SSW 0 - 1/8 (0.073 mi.)	24	58
LOT 7,TAXBLOCK 2724	430 MANHATTAN AVENUE	SSE 0 - 1/8 (0.077 mi.)	G27	63
LOT 29,TAXBLOCK 2723	417 MANHATTAN AVENUE	SSE 0 - 1/8 (0.080 mi.)	G28	64
LOT 30,TAXBLOCK 2723	415 MANHATTAN AVENUE	SSE 0 - 1/8 (0.085 mi.)	G34	78
LOT 7501,TAXBLOCK 2722	415 LEONARD STREET	SSW 0 - 1/8 (0.094 mi.)	K39	89
LOT 1,TAXBLOCK 2697	477 LEONARD STREET	NW 0 - 1/8 (0.102 mi.)	I46	100
LOT 5,TAXBLOCK 2723	404 LEONARD STREET	SSW 0 - 1/8 (0.104 mi.)	K48	104
LOT 7,TAXBLOCK 2734	402 MEEKER AVENUE	SSE 0 - 1/8 (0.104 mi.)	M49	105
LOT 33,TAXBLOCK 2723	391 MEEKER AVENUE	SSE 0 - 1/8 (0.109 mi.)	M55	125
LOT 16,TAXBLOCK 2722	74 BAYARD STREET	SW 0 - 1/8 (0.114 mi.)	P71	151
LOT 37,TAXBLOCK 2723	111 RICHARDSON STREET	S 0 - 1/8 (0.116 mi.)	Q73	155
LOT 36,TAXBLOCK 2723	113 RICHARDSON STREET	S 0 - 1/8 (0.117 mi.)	Q76	168
LOT 13,TAXBLOCK 2722	72 BAYARD STREET	SW 0 - 1/8 (0.118 mi.)	P78	172
LOT 38,TAXBLOCK 2723	101 RICHARDSON STREET	S 0 - 1/8 (0.120 mi.)	Q80	175
LOT 10,TAXBLOCK 2733	100 RICHARDSON STREET	SSW 0 - 1/8 (0.123 mi.)	Q81	177
LOT 5,TAXBLOCK 2698	482 LEONARD STREET	NNW 0 - 1/8 (0.124 mi.)	O82	179

EXECUTIVE SUMMARY

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 3 EDR MGP 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>
WYTHE AVE. (BERRY ST.) STATION	WYTHE AVE., BERRY ST.,	WNW 1/4 - 1/2 (0.487 mi.)	169	470
GREENPOINT	287 MASPETH AVENUE	E 1/2 - 1 (0.830 mi.)	AK179	502
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EQUITY WORKS	MASPETH AND VANDERVORTESE	1/2 - 1 (0.753 mi.)	178	502

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 22 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	7 NEWTON ST	ESE 0 - 1/8 (0.005 mi.)	A2	11
Not reported	7 NEWTON ST	ESE 0 - 1/8 (0.005 mi.)	A3	11
Not reported	413 MEEKER AVE	ESE 0 - 1/8 (0.110 mi.)	N58	131
Not reported	421 MEEKER AVE	ESE 0 - 1/8 (0.111 mi.)	N64	142
Not reported	75 ECKFORD ST	N 1/8 - 1/4 (0.149 mi.)	S102	248
Not reported	550 HUMBOLDT ST	ENE 1/8 - 1/4 (0.153 mi.)	104	254
Not reported	501 LEONARD ST	NNW 1/8 - 1/4 (0.157 mi.)	T109	262
Not reported	372 MEEKER AVE	S 1/8 - 1/4 (0.163 mi.)	X113	269
Not reported	336 MEEKER AVE	S 1/8 - 1/4 (0.184 mi.)	126	316
Not reported	75 FROST ST	SSW 1/8 - 1/4 (0.198 mi.)	AB131	326
Not reported	59 FROST ST	SSW 1/8 - 1/4 (0.210 mi.)	AF143	361
Not reported	56 FROST ST	SSW 1/8 - 1/4 (0.214 mi.)	AF144	361
Not reported	498 HUMBOLDT ST	ESE 1/8 - 1/4 (0.217 mi.)	146	362
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	137 BAYARD ST	ESE 0 - 1/8 (0.059 mi.)	B14	28

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	434 MANHATTAN AVE	SE 0 - 1/8 (0.069 mi.)	B20	52
Not reported	391 MEEKER AVE	SSE 0 - 1/8 (0.109 mi.)	M54	125
Not reported	474 LEONARD ST	NW 0 - 1/8 (0.111 mi.)	O60	134
Not reported	136 RICHARDSON ST	SE 1/8 - 1/4 (0.129 mi.)	85	198
Not reported	392 LEONARD ST	SSW 1/8 - 1/4 (0.135 mi.)	R91	227
Not reported	493 LEONARD ST	NNW 1/8 - 1/4 (0.138 mi.)	T93	229
Not reported	61 RICHARDSON ST	SW 1/8 - 1/4 (0.166 mi.)	116	273
Not reported	285 DRIGGS AVE	NNW 1/8 - 1/4 (0.178 mi.)	124	313

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 6 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	489 GRAHAM AVE	E 0 - 1/8 (0.081 mi.)	F29	68
Not reported	258 DRIGGS AVE	N 1/8 - 1/4 (0.173 mi.)	Y119	301
Not reported	99 ECKFORD ST	NNW 1/8 - 1/4 (0.203 mi.)	AD133	328
Not reported	178 DRIGGS AVE	NNE 1/8 - 1/4 (0.219 mi.)	147	363
Not reported	425 GRAHAM AVE	SE 1/8 - 1/4 (0.219 mi.)	AC148	364

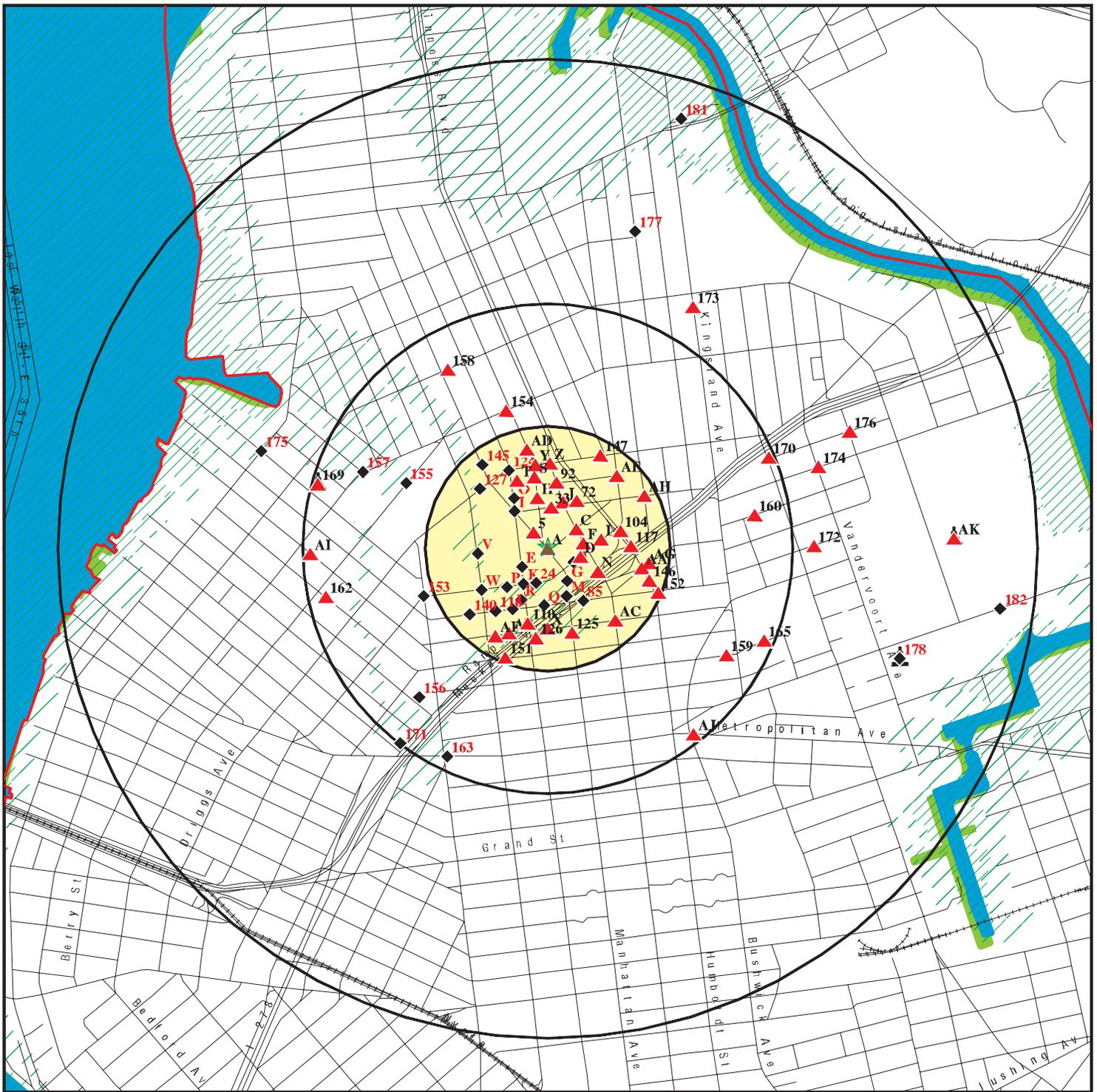
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	580 MANHATTAN AVE	NW 1/8 - 1/4 (0.217 mi.)	145	362

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>
NYSDOT BIN 1066220	FINDS,MANIFEST
GREAT LAKES DREDGE & DOCK	FINDS,MANIFEST,RCRA-NLR
BELL ATLANTIC-NY	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
NYCDOT C/O KOCH-SKANSKA	RCRA-CESQG,MANIFEST
MTA NYCT - METROPOLITAN AVE STATIO	FINDS,RCRA-NLR,MANIFEST
NYSDOT CONTRACT D258425	FINDS,RCRA-NLR
BELL ATLANTIC-NY	RCRA-NLR
MTA NYCT - MYRTLE & WILLOUGHBY AVE	FINDS,RCRA-NLR
BELL ATLANTIC-NY	RCRA-NLR
EVERGREEN & FLUSHING AVE	FINDS
NYCT - MARCY AVE STATION - JMZ LIN	FINDS
NYCDOT GLENMORE AVE BRIDGE #224386	FINDS
NYCDOT LIBERTY AVE BRIDGE #2243850	FINDS
NYCDOT PITKIN AVE BRIDGE #2243870	FINDS
NYCDOT SUTTER AVE BRIDGE #2243890	FINDS
BETW/AVE X &	SPILLS
ROADWAY	SPILLS
KINGS HIGHWAY MOBIL	SPILLS
205842; KINGS HWY	SPILLS

OVERVIEW MAP - 3679403.2s



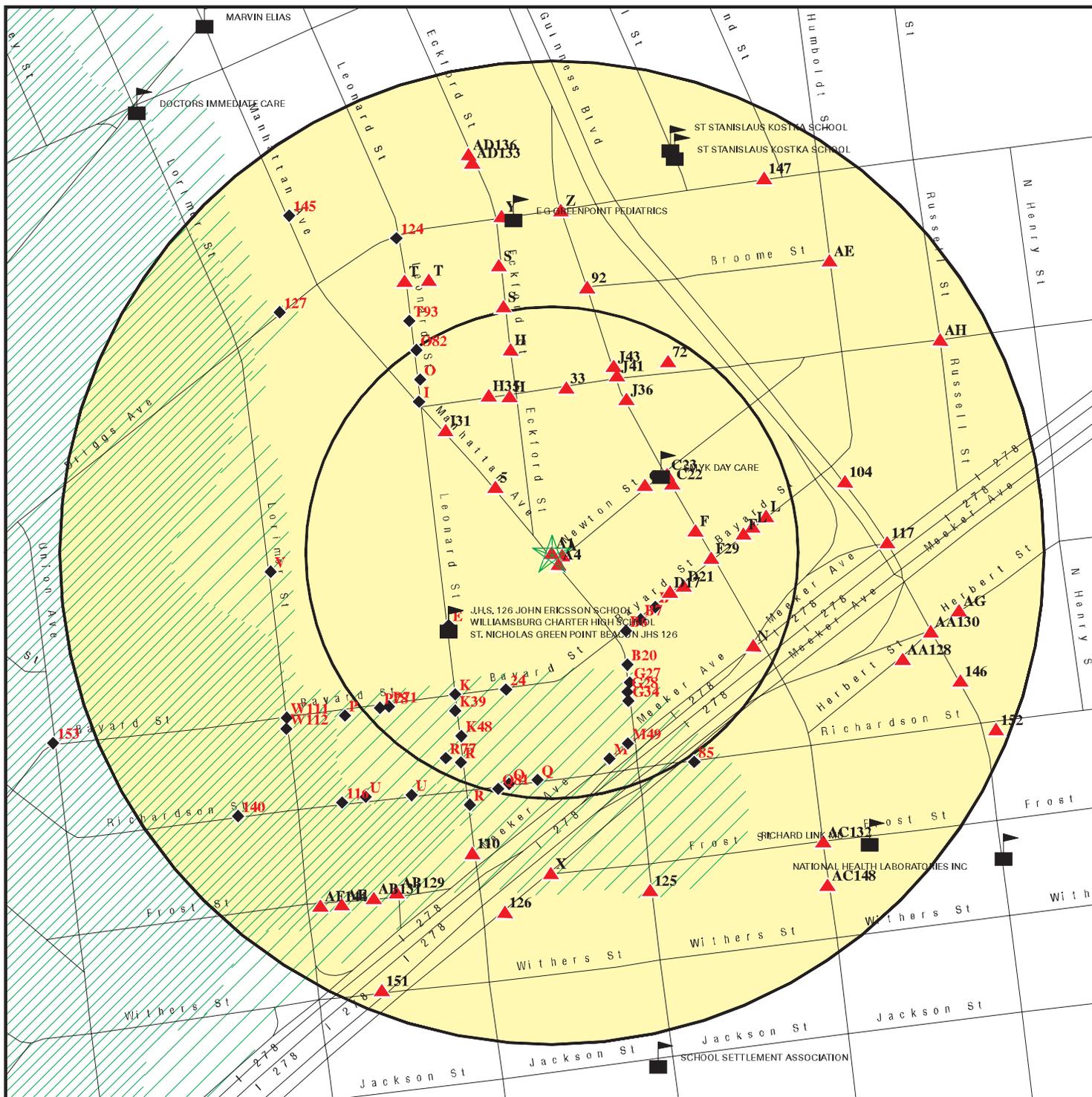
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- ▬ County Boundary
- ▬ Oil & Gas pipelines from USGS
- ▨ 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: 470 Manhattan Ave
 ADDRESS: 470 Manhattan Ave
 Brooklyn NY 11222
 LAT/LONG: 40.7202 / 73.9476

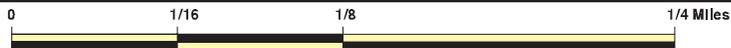
CLIENT: URS Corporation
 CONTACT: Cary Friedman
 INQUIRY #: 3679403.2s
 DATE: July 29, 2013 4:46 pm

DETAIL MAP - 3679403.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- Manufactured Gas Plants
- 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



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: 470 Manhattan Ave
 ADDRESS: 470 Manhattan Ave
 Brooklyn NY 11222
 LAT/LONG: 40.7202 / 73.9476

CLIENT: URS Corporation
 CONTACT: Cary Friedman
 INQUIRY #: 3679403.2s
 DATE: July 29, 2013 4:49 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
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		1	0	0	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	4	NR	NR	NR	4
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		2	4	NR	NR	NR	6
<i>Federal institutional controls / engineering controls registries</i>								
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
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
NY SHWS	1.000		0	0	1	6	NR	7
NY VAPOR REOPENED	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
NY SWF/LF	0.500		0	0	1	NR	NR	1
<i>State and tribal leaking storage tank lists</i>								
NY LTANKS	0.500		2	7	16	NR	NR	25
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
<i>State and tribal registered storage tank lists</i>								
NY TANKS	0.250		0	1	NR	NR	NR	1
NY UST	0.250		5	10	NR	NR	NR	15
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY AST	0.250		3	7	NR	NR	NR	10
NY CBS AST	0.250		1	1	NR	NR	NR	2
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		1	1	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
NY ENG CONTROLS	0.500		0	0	0	NR	NR	0
NY INST CONTROL	0.500		0	0	0	NR	NR	0
NY RES DECL	0.125		0	NR	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
NY VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
NY ERP	0.500		0	0	0	NR	NR	0
NY BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	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
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		1	0	0	3	NR	4
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
NY HIST UST	0.250		1	5	NR	NR	NR	6
NY HIST AST	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
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
NY LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		7	NR	NR	NR	NR	7
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		3	9	NR	NR	NR	12
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		1	0	0	NR	NR	1
NY UIC	TP		NR	NR	NR	NR	NR	0
NY MANIFEST	0.250		5	16	NR	NR	NR	21
PA MANIFEST	0.250		0	1	NR	NR	NR	1
NY DRYCLEANERS	0.250		0	1	NR	NR	NR	1
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY E DESIGNATION	0.125	1	47	NR	NR	NR	NR	48
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
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	1	2	NR	3
EDR US Hist Auto Stat	0.250		8	14	NR	NR	NR	22
EDR US Hist Cleaners	0.250		1	5	NR	NR	NR	6

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

LOT 33,TAXBLOCK 2714 (Continued)

S108076537

Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 0000049050
Total Assessed Value: 0000076950
Land Exempt Value: 0000000000
Total Exempt Value: 0000000000
Year Built: 1963
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: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027140033
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998798
Y Coordinate: 0201751
Zoning Map: 13A
Sanborn Map: 304 029
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

Tax Lot(s): 33
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: Air Quality - Operable Window Limitations
Borough Code: BK
Community District: 301
Census Tract: 499
Census Block: 2003
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: M1-2/R6A
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: MX-8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 2714 (Continued)

S108076537

Special Purpose District2: Not reported
All Components1: M1-2/R6A/MX-8
All Components2: Not reported
Split Boundary Indicator: N
Building Class: E3
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: J CLARK
Lot Area: 000010020
Total Building Floor Area: 00000010020
Commercial Floor Area: 00000010020
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000010020
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: 0051.50
Lot Depth: 0117.87
Building Frontage: 0051.50
Building Depth: 0117.87
Proximity Code: 2
Irregular Lot Code: Y
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000049050
Total Assessed Value: 00000076950
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1963
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: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027140033
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998798
Y Coordinate: 0201751
Zoning Map: 13A
Sanborn Map: 304 029
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 2714 (Continued)

S108076537

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
ESE
< 1/8
0.005 mi.
28 ft.**

**7 NEWTON ST
BROOKLYN, NY 11222**

**EDR US Hist Auto Stat 1015603782
N/A**

Site 2 of 4 in cluster A

**Relative:
Higher**

EDR Historical Auto Stations:

Name: J B AUTO REPAIR
Year: 2000
Address: 7 NEWTON ST

Name: JB AUTO REPAIR
Year: 2002
Address: 7 NEWTON ST

Name: JB AUTO REPAIR
Year: 2003
Address: 7 NEWTON ST

Name: JB AUTO REPAIR
Year: 2004
Address: 7 NEWTON ST

Name: JB AUTO REPAIR
Year: 2005
Address: 7 NEWTON ST

**Actual:
16 ft.**

**A3
ESE
< 1/8
0.005 mi.
28 ft.**

**7 NEWTON ST
BROOKLYN, NY 11222**

**EDR US Hist Auto Stat 1015604060
N/A**

Site 3 of 4 in cluster A

**Relative:
Higher**

EDR Historical Auto Stations:

Name: JB AUTO REPAIR
Year: 2006
Address: 7 NEWTON ST

Name: JB AUTO REPAIR
Year: 2007
Address: 7 NEWTON ST

Name: JB AUTO REPAIR
Year: 2008
Address: 7 NEWTON ST

**Actual:
16 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A4
SSE
 < 1/8
 0.007 mi.
 35 ft.

LOT 7501,TAXBLOCK 2719
460 MANHATTAN AVENUE
BROOKLYN, NY

NY E DESIGNATION

S113453288
N/A

Site 4 of 4 in cluster A

Relative:
Higher

E DESIGNATION:

Actual:
16 ft.

Tax Lot(s):	7501
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:	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
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 7501,TAXBLOCK 2719 (Continued)

S113453288

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
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

5
NW
 < 1/8
 0.044 mi.
 233 ft.

LOT 1,TAXBLOCK 2713
494 MANHATTAN AVENUE
BROOKLYN, NY 11222

NY E DESIGNATION **S108076182**
 N/A

Relative:
Higher

E DESIGNATION:	
Tax Lot(s):	1
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:	499
Census Block:	2004
School District:	14
City Council District:	33
Fire Company:	E229
Health Area:	30

Actual:
16 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 1,TAXBLOCK 2713 (Continued)

S108076182

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: WETZEL GERALD
Lot Area: 000007183
Total Building Floor Area: 00000007108
Commercial Floor Area: 00000007108
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000007108
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: 0176.00
Lot Depth: 0098.42
Building Frontage: 0176.00
Building Depth: 0098.42
Proximity Code: 2
Irregular Lot Code: Y
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000036315
Total Assessed Value: 00000099000
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: 0000.99
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027130001
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998634
Y Coordinate: 0201899
Zoning Map: 13A
Sanborn Map: 304 029

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 1, TAXBLOCK 2713 (Continued)

S108076182

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

**B6
 SE
 < 1/8
 0.055 mi.
 289 ft.**

**LOT 10, TAXBLOCK 2724
 130 BAYARD STREET
 BROOKLYN, NY 11222**

NY E DESIGNATION

**S108076204
 N/A**

Site 1 of 5 in cluster B

**Relative:
 Lower**

E DESIGNATION:

Tax Lot(s): 10
 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

**Actual:
 14 ft.**

Zoning Map No: 12c, 12d, 13a, 13b
 Description: Underground Gasoline Storage Tanks* Testing Protocol.
 Borough Code: BK
 Community District: 301
 Census Tract: 499
 Census Block: 2012
 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: BAYARD ASSOCIATES LLC
 Lot Area: 000005500
 Total Building Floor Area: 00000004747
 Commercial Floor Area: 00000004747
 Office Floor Area: 00000000000
 Retail Floor Area: 00000000000
 Garage Floor Area: 00000000000
 Storage Floor Area: 00000004747

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 10,TAXBLOCK 2724 (Continued)

S108076204

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: 0046.12
 Lot Depth: 0103.46
 Building Frontage: 0046.00
 Building Depth: 0100.00
 Proximity Code: 3
 Irregular Lot Code: Y
 Lot Type: 5
 Basement Type Grade: 5
 Land Assessed Value: 00000027135
 Total Assessed Value: 00000112050
 Land Exempt Value: 00000000000
 Total Exempt Value: 00000000000
 Year Built: 1987
 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: 0000.86
 Maximum Allowable Far: 03.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027240010
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0999034
 Y Coordinate: 0201405
 Zoning Map: 13A
 Sanborn Map: 304 027
 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

B7
SE
 < 1/8
 0.056 mi.
 298 ft.

LOT 12,TAXBLOCK 2724
134 BAYARD STREET
BROOKLYN, NY 11222
Site 2 of 5 in cluster B

NY E DESIGNATION S108076249
N/A

Relative:
Lower

E DESIGNATION:
 Tax Lot(s): 12
 E-No: E-138
 Effective Date: 5/11/2005
 Satisfaction Date: Not reported

Actual:
 14 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 12,TAXBLOCK 2724 (Continued)

S108076249

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: 499
Census Block: 2012
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: KACZYNDKI, MARTINE
Lot Area: 000001950
Total Building Floor Area: 00000001950
Commercial Floor Area: 00000001950
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000001950
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: 0019.50
Lot Depth: 0100.00
Building Frontage: 0019.50
Building Depth: 0100.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000010800
Total Assessed Value: 00000033885
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1920
Year Built Code: Not reported
Year Altered1: 0000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 12,TAXBLOCK 2724 (Continued)

S108076249

Year Altered2: 0000
 Historic District Name: Not reported
 Landmark Name: Not reported
 Built Floor Area Ratio-Far: 0001.00
 Maximum Allowable Far: 03.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027240012
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0999041
 Y Coordinate: 0201456
 Zoning Map: 13A
 Sanborn Map: 304 027
 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

**C8
 NE
 < 1/8
 0.058 mi.
 308 ft.**

**LOT 7502,TAXBLOCK 2719
 122 NEWTON STREET
 BROOKLYN, NY**

**NY E DESIGNATION S113453311
 N/A**

Site 1 of 9 in cluster C

**Relative:
 Higher**

E DESIGNATION:
 Tax Lot(s): 7502
 E-No: E-138
Actual: 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: 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
 Special Purpose District1: Not reported
 Special Purpose District2: Not reported
 All Components1: Not reported
 All Components2: Not reported

**Actual:
 17 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 7502,TAXBLOCK 2719 (Continued)

S113453311

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 7502,TAXBLOCK 2719 (Continued)

S113453311

Date of Political and Adm Data: Not reported
Pluto-Base Map Indicator: Not reported

**C9
NE
< 1/8
0.059 mi.
309 ft.**

**LOT 32,TAXBLOCK 2714
119 NEWTON STREET
BROOKLYN, NY 11222**

**NY E DESIGNATION S108076529
N/A**

Site 2 of 9 in cluster C

**Relative:
Higher**

E DESIGNATION:

**Actual:
17 ft.**

Tax Lot(s): 32
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: 499
Census Block: 2003
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: M1-2/R6A
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/R6A/MX-8
All Components2: Not reported
Split Boundary Indicator: N
Building Class: F9
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: P
Owner Name: SPIEZIO REALTY CORP
Lot Area: 000001656
Total Building Floor Area: 00000001650
Commercial Floor Area: 00000001650
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000001650
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: 0066.25

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 32,TAXBLOCK 2714 (Continued)

S108076529

Building Frontage: 0025.00
Building Depth: 0066.00
Proximity Code: 3
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000009450
Total Assessed Value: 00000026730
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: 0001.00
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027140032
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998863
Y Coordinate: 0201786
Zoning Map: 13A
Sanborn Map: 304 029
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

**C10
NE
< 1/8
0.059 mi.
309 ft.**

**LOT 30,TAXBLOCK 2714
125 NEWTON STREET
BROOKLYN, NY 11222
Site 3 of 9 in cluster C**

**NY E DESIGNATION S108076506
N/A**

**Relative:
Higher**

E DESIGNATION:
Tax Lot(s): 30
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: 499
Census Block: 2003

**Actual:
17 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 30,TAXBLOCK 2714 (Continued)

S108076506

School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: M1-2/R6A
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/R6A/MX-8
All Components2: Not reported
Split Boundary Indicator: N
Building Class: F9
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: P
Owner Name: SPIEZIO REALTY CORP
Lot Area: 000005000
Total Building Floor Area: 00000004650
Commercial Floor Area: 00000004650
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000250
Factory Floor Area: 00000004400
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: 0050.00
Lot Depth: 0117.67
Building Frontage: 0050.00
Building Depth: 0088.00
Proximity Code: 3
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000024930
Total Assessed Value: 00000076050
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: 0000.93
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027140030
Condominium Number: 00000
Census Tract 2: 0499

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 30,TAXBLOCK 2714 (Continued)

S108076506

X Coordinate: 0998881
 Y Coordinate: 0201825
 Zoning Map: 13A
 Sanborn Map: 304 029
 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

**C11
 NE
 < 1/8
 0.059 mi.
 309 ft.**

**LOT 11,TAXBLOCK 2719
 122 NEWTON STREET
 BROOKLYN, NY 11222
 Site 4 of 9 in cluster C**

**NY E DESIGNATION S108076227
 N/A**

**Relative:
 Higher**

E DESIGNATION:
 Tax Lot(s): 11
 E-No: E-138
Actual: 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: 499
 Census Block: 2006
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: M1-2/R6A
 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/R6A/MX-8
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: Z9
 Land Use Category: Not reported
 Number of Easements: 0
 Owner, Type of Code: Not reported
 Owner Name: 120 NEWTON STREET LLC
 Lot Area: 000003827
 Total Building Floor Area: 0000000000
 Commercial Floor Area: 0000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 11,TAXBLOCK 2719 (Continued)

S108076227

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: 001.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0028.92
Lot Depth: 0100.00
Building Frontage: 0027.00
Building Depth: 0040.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000025740
Total Assessed Value: 00000026100
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: 0000.00
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027190011
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998905
Y Coordinate: 0201636
Zoning Map: 13A
Sanborn Map: 304 029
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

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

C12
NE
< 1/8
0.059 mi.
313 ft.

COMMERCIAL PROPERTY
120 NEWTON AVENUE
BROOKLYN, NY
Site 5 of 9 in cluster C

NY Spills **S106720182**
N/A

Relative:
Higher

SPILLS:

Facility ID: 0408368
DER Facility ID: 268339
Facility Type: ER
Site ID: 333086
DEC Region: 2
Spill Date: 10/29/2004
Spill Number/Closed Date: 0408368 / 7/25/2005
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
17 ft.

SWIS:

Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 10/29/2004
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 10/29/2004
Spill Record Last Update: 7/25/2005
Spiller Name: MR. ANTHONY GERENIO
Spiller Company: 120 NEWTON STREET, LLC
Spiller Address: 96-10 ATLANTIC AVENUE
Spiller City,St,Zip: OZON PARK, NY 11416-1619
Spiller Company: 001
Contact Name: MR. ANTHONY GERENIO
Contact Phone: (718) 641-1098
DEC Memo: 11/01/04. J.Krimgold spoke to Mr. Romeo Santos (a consultant for the owner). They were called to do phase 1 and 2 site assessment. While excavating a test pit a UST filled with water and dark contaminated soil was found. Also noted a strong sulfuric or methane odor. They took a sample for ID from UST and will analyze soil to ID contamination. Will get back with results on 11/5/04.03/08/05. J.Krimgold spoke to Danny Singh (718-857-3100) from Don Carlo Env. Serv. Inc. 1,500 tons of contaminated soil was excavated. The size of excavation is ~70x40' to a depth of GW at ~ 11'. They are preparing a Work Plan to fully investigate (delinate) area of contamination. Should be ready in 2 weeks. Report also will be send to DEP for rezoning.7/25/05. J.Krimgold reviewed the Phase II Investigation Report submitted on June 2, 2005 by Don Carlo Env. Services, Inc. (718-857-3100). 1523 tons of contaminated soil were removed and disposed of. Post excavation soil and groundwater sampling did not show contaminant levels above TAGM. NFA letter.

Remarks:

during excavating found unknown petro. strong odor of petro; had a previous spill in 1998:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL PROPERTY (Continued)

S106720182

Material:
Site ID: 333086
Operable Unit ID: 1095268
Operable Unit: 01
Material ID: 575409
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

B13
ESE
< 1/8
0.059 mi.
314 ft.

LOT 32,TAXBLOCK 2719
137 BAYARD STREET
BROOKLYN, NY 11222

NY E DESIGNATION **S108076530**
N/A

Site 3 of 5 in cluster B

Relative:
Lower

E DESIGNATION:
Tax Lot(s): 32
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

Actual:
15 ft.

Zoning Map No: 12c, 12d, 13a, 13b
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Borough Code: BK
Community District: 301
Census Tract: 499
Census Block: 2006
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: M1-2/R6A
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/R6A/MX-8
All Components2: Not reported
Split Boundary Indicator: N
Building Class: F4
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: SCANLON KATHLEEN M

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 32,TAXBLOCK 2719 (Continued)

S108076530

Lot Area: 000006750
Total Building Floor Area: 0000006400
Commercial Floor Area: 0000006400
Office Floor Area: 0000000000
Retail Floor Area: 0000000000
Garage Floor Area: 0000000000
Storage Floor Area: 0000000000
Factory Floor Area: 0000006400
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: 0067.50
Lot Depth: 0100.00
Building Frontage: 0067.50
Building Depth: 0095.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000030015
Total Assessed Value: 00000092700
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: 0000.95
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027190032
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999001
Y Coordinate: 0201593
Zoning Map: 13A
Sanborn Map: 304 029
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B14
ESE
< 1/8
0.059 mi.
314 ft.

137 BAYARD ST
BROOKLYN, NY 11222

EDR US Hist Auto Stat **1015214902**
N/A

Site 4 of 5 in cluster B

Relative:
Lower

Actual:
15 ft.

EDR Historical Auto Stations:

Name: C & J COLLISION INCORPORATED
Year: 2000
Address: 137 BAYARD ST

Name: C & J COLLISION INC
Year: 2001
Address: 137 BAYARD ST

Name: C & J COLLISION INC
Year: 2003
Address: 137 BAYARD ST

C15
NE
< 1/8
0.060 mi.
319 ft.

LOT 14,TAXBLOCK 2719
126 NEWTON STREET
BROOKLYN, NY 11222

NY E DESIGNATION **S108076285**
N/A

Site 6 of 9 in cluster C

Relative:
Higher

Actual:
17 ft.

E DESIGNATION:

Tax Lot(s): 14
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: 499
Census Block: 2006
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: M1-2/R6A
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/R6A/MX-8
All Components2: Not reported
Split Boundary Indicator: N
Building Class: E3
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: 126 NEWTON ST., LLC
Lot Area: 000005000
Total Building Floor Area: 0000005000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 14,TAXBLOCK 2719 (Continued)

S108076285

Commercial Floor Area: 00000005000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000005000
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: 0050.00
Lot Depth: 0100.00
Building Frontage: 0050.00
Building Depth: 0100.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000024795
Total Assessed Value: 00000084150
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: 0001.00
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027190014
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998957
Y Coordinate: 0201682
Zoning Map: 13A
Sanborn Map: 304 029
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

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

C16
NE
< 1/8
0.060 mi.
319 ft.

CHLORINE FACTORY
126 NEWTON ST
BROOKLYN, NY
Site 7 of 9 in cluster C

NY Spills **S103573612**
N/A

Relative:
Higher

SPILLS:

Facility ID: 9809496
DER Facility ID: 239133
Facility Type: ER
Site ID: 295501
DEC Region: 2
Spill Date: 10/28/1998
Spill Number/Closed Date: 9809496 / 2/12/2003
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.

Actual:
17 ft.

SWIS:

Investigator: KGHale
Referred To: Not reported
Reported to Dept: 10/28/1998
CID: 365
Water Affected: Not reported
Spill Source: Commercial/Industrial
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: 10/28/1998
Spill Record Last Update: 2/12/2003
Spiller Name: Not reported
Spiller Company: CHLORINE FACTORY
Spiller Address: 126 NEWTON ST
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 "HALE"02/12/2003- Closed Due To The Nature / Extent Of The Spill Report.
Remarks: FIRE AT A CHLORINE FACTORY - FIRST REPORTED OEM LIMA 212-374-5500

Material:

Site ID: 295501
Operable Unit ID: 1066764
Operable Unit: 01
Material ID: 316947
Material Code: 0276A
Material Name: CALCIUM
Case No.: 07440702
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

CHLORINE FACTORY (Continued)

S103573612

Site ID: 295501
 Operable Unit ID: 1066764
 Operable Unit: 01
 Material ID: 316948
 Material Code: 0580A
 Material Name: HYPOCHLORITE
 Case No.: Not reported
 Material FA: Other
 Quantity: 0
 Units: Gallons
 Recovered: No
 Resource Affected: Not reported
 Oxygenate: False

Tank Test:

D17
ESE
< 1/8
0.063 mi.
333 ft.

LOT 31,TAXBLOCK 2719
143 BAYARD STREET
BROOKLYN, NY 11222

NY E DESIGNATION S108076520
N/A

Site 1 of 2 in cluster D

Relative:
Higher

E DESIGNATION:
 Tax Lot(s): 31
 E-No: E-138
Actual: 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: 499
 Census Block: 2006
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: M1-2/R6A
 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/R6A/MX-8
 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: MARTINEZ JOSEPH
 Lot Area: 000001875

Actual:
16 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 31,TAXBLOCK 2719 (Continued)

S108076520

Total Building Floor Area: 00000001548
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: 003.00
Residential Units: 00002
Non and Residential Units: 00002
Lot Frontage: 0018.75
Lot Depth: 0100.00
Building Frontage: 0018.75
Building Depth: 0032.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 2
Land Assessed Value: 00000000964
Total Assessed Value: 00000008086
Land Exempt Value: 00000000964
Total Exempt Value: 00000001430
Year Built: 1910
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.83
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027190031
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999034
Y Coordinate: 0201616
Zoning Map: 13A
Sanborn Map: 304 029
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

E18
SW
< 1/8
0.064 mi.
339 ft.

NYC BD OF ED - IS 126K
424 LEONARD ST
BROOKLYN, NY 11222

Site 1 of 2 in cluster E

RCRA-CESQG
FINDS
NY MANIFEST

1005444371
NYR000106922

Relative:
Lower

RCRA-CESQG:

Date form received by agency: 01/01/2007

Facility name: NYC BD OF ED - IS 126K

Facility address: 424 LEONARD ST
BROOKLYN, NY 11222

EPA ID: NYR000106922

Mailing address: LEONARD ST
BROOKLYN, NY 11222

Contact: BERNARD ORLAN

Contact address: LEONARD ST
BROOKLYN, NY 11222

Contact country: US

Contact telephone: (718) 391-6475

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: NYC BOARD OF EDUCATION

Owner/operator address: 2811 QUEENS PLZ N
LONG ISLAND CITY, NY 11101

Owner/operator country: US

Owner/operator telephone: (718) 391-6475

Legal status: Municipal

Owner/Operator Type: Operator

Owner/Op start date: 01/01/2001

Owner/Op end date: Not reported

Owner/operator name: NYC BOARD OF EDUCATION

Owner/operator address: 2811 QUEENS PLZ N
LONG ISLAND CITY, NY 11101

Owner/operator country: US

Owner/operator telephone: (718) 391-6475

Legal status: Municipal

Owner/Operator Type: Owner

Owner/Op start date: 01/01/2001

Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC BD OF ED - IS 126K (Continued)

1005444371

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
Facility name: NYC BD OF ED - IS 126K
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 06/06/2002
Facility name: NYC BD OF ED - IS 126K
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110006999061

Environmental Interest/Information System

US EPA Air Quality System (AQS) contains ambient air pollution data collected by EPA, State, Local, and Tribal air pollution control agencies from thousands of monitoring stations.

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.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC BD OF ED - IS 126K (Continued)

1005444371

Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

NY MANIFEST:

EPA ID: NYR000106922
Country: USA
Mailing Name: NYC BOARD OF EDUCATION PS 126 K
Mailing Contact: N/S
Mailing Address: 424 LEONARD ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11222
Mailing Zip4: 3908
Mailing Country: USA
Mailing Phone: 718-486-0414

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD049178296
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-01
Trans1 Recv Date: 2008-02-01
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-21
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX480000000
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
Year: 2008
Manifest Tracking Num: 004182694JJK
Import Ind: N
Export Ind: Y
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

NYC BD OF ED - IS 126K (Continued)

1005444371

Document ID: NYG2804976
Manifest Status: Not reported
Trans1 State ID: NYD077444263
Trans2 State ID: Not reported
Generator Ship Date: 07/01/2003
Trans1 Recv Date: 07/01/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/02/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: NYD077444263
Trans2 EPA ID: Not reported
TSD ID: 40580PANY
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00014
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00006
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
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00001
Units: L
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2003

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD049178296
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-01
Trans1 Recv Date: 2008-02-01
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-21
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX480000000
Waste Code: Not reported
Quantity: 30.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC BD OF ED - IS 126K (Continued)

1005444371

Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 004182694JJK
Import Ind: N
Export Ind: Y
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: 2008-02-01
Trans1 Recv Date: 2008-02-01
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-21
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX480000000
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: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 004182694JJK
Import Ind: N
Export Ind: Y
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC BD OF ED - IS 126K (Continued)

1005444371

Generator Ship Date: 2008-02-01
Trans1 Recv Date: 2008-02-01
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-21
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX480000000
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: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 004182694JJK
Import Ind: N
Export Ind: Y
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: 2008-02-01
Trans1 Recv Date: 2008-02-01
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-21
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX480000000
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: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 004182694JJK
Import Ind: N
Export Ind: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC BD OF ED - IS 126K (Continued)

1005444371

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: 2008-02-01
Trans1 Recv Date: 2008-02-01
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-21
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX480000000
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
Year: 2008
Manifest Tracking Num: 004182694JJK
Import Ind: N
Export Ind: Y
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: 2008-02-01
Trans1 Recv Date: 2008-02-01
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-21
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

NYC BD OF ED - IS 126K (Continued)

1005444371

Generator EPA ID: NYR000106922
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX480000000
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
Year: 2008
Manifest Tracking Num: 004182694JJK
Import Ind: N
Export Ind: Y
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: 2008-02-01
Trans1 Recv Date: 2008-02-01
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-21
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX480000000
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: L Landfill.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 004182694JJK
Import Ind: N
Export Ind: Y
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC BD OF ED - IS 126K (Continued)

1005444371

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: 2008-02-01
Trans1 Recv Date: 2008-02-01
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-21
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX480000000
Waste Code: Not reported
Quantity: 110.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 004182694JJK
Import Ind: N
Export Ind: Y
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: 2008-02-01
Trans1 Recv Date: 2008-02-01
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-21
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX480000000
Waste Code: Not reported
Quantity: 30.0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC BD OF ED - IS 126K (Continued)

1005444371

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: 2008
Manifest Tracking Num: 004182694JJK
Import Ind: N
Export Ind: Y
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: NYG4289229
Manifest Status: Not reported
Trans1 State ID: 45347PANY
Trans2 State ID: Not reported
Generator Ship Date: 05/21/2004
Trans1 Recv Date: 05/21/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/21/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00300
Units: P - Pounds
Number of Containers: 006
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2004

Document ID: NYG4289247
Manifest Status: Not reported
Trans1 State ID: 68699ANNY
Trans2 State ID: Not reported
Generator Ship Date: 05/24/2004
Trans1 Recv Date: 05/24/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/28/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC BD OF ED - IS 126K (Continued)

1005444371

TSDF ID: NYD049178
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00010
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
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00020
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: P075 - NICOTINE AND SALTS
Quantity: 00005
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00005
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2004

Document ID: NYG4289247
Manifest Status: Not reported
Trans1 State ID: 68699ANNY
Trans2 State ID: Not reported
Generator Ship Date: 05/24/2004
Trans1 Recv Date: 05/24/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/28/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00005
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00005
Units: P - Pounds
Number of Containers: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC BD OF ED - IS 126K (Continued)

1005444371

Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00005
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2004

Document ID: NYG4289247
Manifest Status: Not reported
Trans1 State ID: 68699ANNY
Trans2 State ID: Not reported
Generator Ship Date: 05/24/2004
Trans1 Recv Date: 05/24/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/28/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00005
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2004

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: MAC300016672
Trans2 State ID: Not reported
Generator Ship Date: 2012-10-13
Trans1 Recv Date: 2012-10-13
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-10-15
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC BD OF ED - IS 126K (Continued)

1005444371

TSDF ID: NYD077444263
Waste Code: Not reported
Quantity: 20.0
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: 005731813FLE
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: MAC300016672
Trans2 State ID: Not reported
Generator Ship Date: 2012-10-13
Trans1 Recv Date: 2012-10-13
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-10-15
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: Not reported
Quantity: 15.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 005731813FLE
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

NYC BD OF ED - IS 126K (Continued)

1005444371

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAC300016672
Trans2 State ID:	Not reported
Generator Ship Date:	2012-10-13
Trans1 Recv Date:	2012-10-13
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-10-15
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000106922
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID:	NYD077444263
Waste Code:	Not reported
Quantity:	477.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	42.0
Container Type:	BA - Burlap, plastic, paper bags
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005731813FLE
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:	2009-06-25
Trans1 Recv Date:	2009-06-25
Trans2 Recv Date:	2009-06-25
TSD Site Recv Date:	2009-07-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000106922
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID:	CDX480000000
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

NYC BD OF ED - IS 126K (Continued)

1005444371

Year: 2009
Manifest Tracking Num: 004854783JJK
Import Ind: N
Export Ind: Y
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: 2009-06-25
Trans1 Recv Date: 2009-06-25
Trans2 Recv Date: 2009-06-25
TSD Site Recv Date: 2009-07-02
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000106922
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX480000000
Waste Code: Not reported
Quantity: 40.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2009
Manifest Tracking Num: 004854783JJK
Import Ind: N
Export Ind: Y
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
31 additional NY_MANIFEST: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

E19 SW < 1/8 0.064 mi. 339 ft.	I S 126 424 LEONARD ST BKLN, NY 11222 Site 2 of 2 in cluster E	NY AST NY HIST AST	U003394340 N/A
--	---	-------------------------------------	---------------------------------

Relative:
Lower

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-356476
Program Type:	PBS
UTM X:	588825.39844000002
UTM Y:	4508172.1644799998
Expiration Date:	2013/06/28

Actual:
15 ft.

Affiliation Records:

Site Id:	17807
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
E-Mail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	4/1/2013

Site Id:	17807
Affiliation Type:	On-Site Operator
Company Name:	JUNIOR HIGH SCHOOL 126 - BROOKLYN
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
E-Mail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	17807
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	JAMES A. MERLO
Address1:	FIELD OPERATIONS-FUEL DIVISION
Address2:	44-36 VERNON BOULEVARD
City:	LONG ISLAND CITY
State:	NY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I S 126 (Continued)

U003394340

Zip Code: 11101
Country Code: 001
Phone: (718) 349-5738
EMail: JMERLO@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 9/2/2008

Site Id: 17807
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: MANAGER, FUEL DIVISION
Contact Name: JAMES A. MERLO
Address1: 44-36 VERNON BOULEVARD
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5738
EMail: Not reported
Fax Number: Not reported
Modified By: GDBREEN
Date Last Modified: 1/2/2013

Tank Info:

Tank Number: 001
Tank Id: 34810
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
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)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/22/1966
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: dxliving

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I S 126 (Continued)

U003394340

Last Modified: 05/13/2008

Tank Number: 002
Tank Id: 34811
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
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)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/22/1966
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: dxliving
Last Modified: 05/13/2008

HIST AST:

PBS Number: 2-356476
SWIS Code: 6101
Operator: PLANT OPERATION
Facility Phone: (718) 391-6000
Facility Addr2: 424 LEONARD ST
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: NEW YORK CITY 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/PLANT OPERNTROL
Mailing Name: BOARD OF EDUCATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I S 126 (Continued)

U003394340

Mailing Address: 28-11 QUEENS PLAZA NORTH
Mailing Address 2: 5 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: 09/02/1998
Expiration: 06/28/2003
Renew Flag: False
Renew Date: Not reported
Total Capacity: 20000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
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

Tank ID: 001
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 10000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
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: 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: 002
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I S 126 (Continued)

U003394340

Capacity (Gal): 10000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
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: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

B20
SE
< 1/8
0.069 mi.
362 ft.

434 MANHATTAN AVE
BROOKLYN, NY 11222
Site 5 of 5 in cluster B

EDR US Hist Auto Stat 1015494330
N/A

Relative:
Lower

EDR Historical Auto Stations:

Name: HIT OR MISS AUTO SERVICE
Year: 2001
Address: 434 MANHATTAN AVE

Name: MIDTOWN AUTOMOTIVE CTR INC
Year: 2002
Address: 434 MANHATTAN AVE

Name: MIDTOWN AUTOMOTIVE CTR INC
Year: 2003
Address: 434 MANHATTAN AVE

Name: MIDTOWN AUTOMOTIVE CTR INC
Year: 2004
Address: 434 MANHATTAN AVE

Name: MIDTOWN AUTOMOTIVE CENTER
Year: 2005
Address: 434 MANHATTAN AVE

Name: MIDTOWN AUTOMOTIVE CENTER
Year: 2006
Address: 434 MANHATTAN AVE

Name: MIDTOWN AUTOMOTIVE CENTER
Year: 2007
Address: 434 MANHATTAN AVE

Actual:
14 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

1015494330

Name: MIDTOWN AUTOMOTIVE CENTER
 Year: 2008
 Address: 434 MANHATTAN AVE

D21
ESE
< 1/8
0.069 mi.
364 ft.

LOT 18,TAXBLOCK 2724
146 BAYARD STREET
BROOKLYN, NY 11222

NY E DESIGNATION **S108076347**
N/A

Site 2 of 2 in cluster D

Relative:
Higher

E DESIGNATION:

Tax Lot(s): 18

E-No: E-138

Actual:
16 ft.

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: 499

Census Block: 2012

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: F4

Land Use Category: 06

Number of Easements: 0

Owner, Type of Code: Not reported

Owner Name: CLARK FRANK J

Lot Area: 000008800

Total Building Floor Area: 0000008800

Commercial Floor Area: 0000008800

Office Floor Area: 0000000000

Retail Floor Area: 0000000000

Garage Floor Area: 0000000000

Storage Floor Area: 0000000000

Factory Floor Area: 0000008800

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: 0101.33

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 18,TAXBLOCK 2724 (Continued)

S108076347

Lot Depth: 0096.08
 Building Frontage: 0101.00
 Building Depth: 0088.00
 Proximity Code: 1
 Irregular Lot Code: Y
 Lot Type: 3
 Basement Type Grade: 5
 Land Assessed Value: 00000044865
 Total Assessed Value: 00000069300
 Land Exempt Value: 00000000000
 Total Exempt Value: 00000000000
 Year Built: 1969
 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: 03.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027240018
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0999181
 Y Coordinate: 0201531
 Zoning Map: 13A
 Sanborn Map: 304 027
 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

C22
ENE
< 1/8
0.071 mi.
373 ft.

LOT 9,TAXBLOCK 2720
514 GRAHAM AVENUE
BROOKLYN, NY 11222
Site 8 of 9 in cluster C

NY E DESIGNATION S108076737
N/A

Relative:
Higher

E DESIGNATION:
 Tax Lot(s): 9
 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: 499

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 9,TAXBLOCK 2720 (Continued)

S108076737

Census Block: 2007
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: R6B
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: R6B
All Components2: Not reported
Split Boundary Indicator: N
Building Class: G6
Land Use Category: 10
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: GRAHAM AVE REALTY LLC
Lot Area: 000001875
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 Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0025.00
Lot Depth: 0075.00
Building Frontage: 0025.83
Building Depth: 0010.83
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000013680
Total Assessed Value: 00000013680
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: 0000.00
Maximum Allowable Far: 02.00
Borough Code: 3
Borough Tax Block And Lot: 3027200009
Condominium Number: 00000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 9, TAXBLOCK 2720 (Continued)

S108076737

Census Tract 2: 0499
 X Coordinate: 0999147
 Y Coordinate: 0201851
 Zoning Map: 13A
 Sanborn Map: 304 029
 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

**C23
 NE
 < 1/8
 0.071 mi.
 374 ft.**

**LOT 10, TAXBLOCK 2720
 516 GRAHAM AVENUE
 BROOKLYN, NY 11222
 Site 9 of 9 in cluster C**

**NY E DESIGNATION S108076202
 N/A**

**Relative:
 Higher
 Actual:
 18 ft.**

E DESIGNATION:
 Tax Lot(s): 10
 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: 499
 Census Block: 2007
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: R6B
 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: R6B
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: G6
 Land Use Category: 10
 Number of Easements: 0
 Owner, Type of Code: Not reported
 Owner Name: GRAHAM AVE REALTY LLC
 Lot Area: 000001964
 Total Building Floor Area: 00000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 10,TAXBLOCK 2720 (Continued)

S108076202

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: 00000
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0020.00
Lot Depth: 0076.00
Building Frontage: 0000.00
Building Depth: 0000.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000014355
Total Assessed Value: 00000014355
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: 02.00
Borough Code: 3
Borough Tax Block And Lot: 3027200010
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999155
Y Coordinate: 0201887
Zoning Map: 13A
Sanborn Map: 304 029
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

24
SSW
< 1/8
0.073 mi.
387 ft.

LOT 7,TAXBLOCK 2723
100 BAYARD STREET
BROOKLYN, NY 11222

NY E DESIGNATION **S108076704**
N/A

Relative:
Lower

E DESIGNATION:

Actual:
14 ft.

Tax Lot(s):	7
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:	499
Census Block:	2013
School District:	14
City Council District:	33
Fire Company:	E229
Health Area:	30
Police Precinct:	094
Zone District 1:	M1-2/R6A
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/R6A/MX-8
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E3
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	WELNER DAVID C
Lot Area:	000014422
Total Building Floor Area:	00000014420
Commercial Floor Area:	00000014420
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000014420
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:	0066.42
Lot Depth:	0150.00
Building Frontage:	0066.42
Building Depth:	0150.00
Proximity Code:	3
Irregular Lot Code:	Y

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 7, TAXBLOCK 2723 (Continued)

S108076704

Lot Type: 3
 Basement Type Grade: 5
 Land Assessed Value: 0000074250
 Total Assessed Value: 00000301950
 Land Exempt Value: 00000000000
 Total Exempt Value: 00000000000
 Year Built: 1986
 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: 03.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027230007
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0998628
 Y Coordinate: 0201224
 Zoning Map: 13A
 Sanborn Map: 304 027
 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

F25
East
< 1/8
0.074 mi.
389 ft.

UNITED AMBULETTE
495 GRAHAM AVE
BROOKLYN, NY
Site 1 of 5 in cluster F

NY LTANKS **S106737607**
N/A

Relative:
Higher

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.

Actual:
18 ft.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNITED AMBULETTE (Continued)

S106737607

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
Spiller County: 001
Spiller Contact: BOB
Spiller Phone: (718) 234-0024
Spiller Extention: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNITED AMBULETTE (Continued)

S106737607

Leak Rate: 0
Gross Fail: Not reported
Modified By: Watchdog
Last Modified: 12/17/2004
Test Method: Horner EZ Check I or II

F26
East
< 1/8
0.074 mi.
389 ft.

TRICO ELECTRICAL CORP.
495 GRAHAM AVE
BROOKLYN, NY 11222

NY UST **U004129122**
N/A

Site 2 of 5 in cluster F

Relative:
Higher

UST:
Id/Status: 2-069140 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 589037.4632099996
UTM Y: 4508229.5883900002

Actual:
18 ft.

Affiliation Records:
Site Id: 1452
Affiliation Type: Mail Contact
Company Name: TRICO ELECTRICAL
Contact Type: Not reported
Contact Name: PETER TRILIVAS
Address1: 495 GRAHAM AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 853-7070
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 12/3/2008

Site Id: 1452
Affiliation Type: On-Site Operator
Company Name: TRICO ELECTRICAL CORP.
Contact Type: Not reported
Contact Name: PETER TRILIVAS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 853-7070
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 12/3/2008

Site Id: 1452

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRICO ELECTRICAL CORP. (Continued)

U004129122

Affiliation Type: Emergency Contact
Company Name: 495 GRAHAM AVENUE LLC
Contact Type: Not reported
Contact Name: CHARLES TRILIVAS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 853-7070
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 12/3/2008

Site Id: 1452
Affiliation Type: Facility Owner
Company Name: 495 GRAHAM AVENUE LLC
Contact Type: OWNER/OPERATOR
Contact Name: PETER TRILIVAS
Address1: 495 GRAHAM AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 853-7070
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 12/3/2008

Tank Info:

Tank Number: 001
Tank ID: 32094
Tank Status: Closed - In Place
Capacity Gallons: 4000
Install Date: 07/01/1981
Date Tank Closed: 11/15/2008
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 20
Date Test: 06/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: dxliving
Last Modified: 12/03/2008

Equipment Records:

G99 - Tank Secondary Containment - Other
B07 - Tank External Protection - Retrofitted Sacrificial Anode

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TRICO ELECTRICAL CORP. (Continued)

U004129122

- A00 - Tank Internal Protection - None
- D02 - Pipe Type - Galvanized Steel
- F07 - Pipe External Protection - Retrofitted Sacrificial Anode
- J02 - Dispenser - Suction Dispenser
- C02 - Pipe Location - Underground/On-ground
- H05 - Tank Leak Detection - In-Tank System (ATG)

G27
SSE
 < 1/8
 0.077 mi.
 406 ft.

LOT 7,TAXBLOCK 2724
430 MANHATTAN AVENUE
BROOKLYN, NY 11222

NY E DESIGNATION **S109318080**
 N/A

Site 1 of 3 in cluster G

Relative:
Lower

E DESIGNATION:

Actual:
 14 ft.

Tax Lot(s):	7
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:	499
Census Block:	2012
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:	G2
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	BIANCULLI, FRED
Lot Area:	000002350
Total Building Floor Area:	00000001890
Commercial Floor Area:	00000001890
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000001890
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 7, TAXBLOCK 2724 (Continued)

S109318080

Residential Units: 00000
 Non and Residential Units: 00001
 Lot Frontage: 0119.08
 Lot Depth: 0046.30
 Building Frontage: 0030.00
 Building Depth: 0070.00
 Proximity Code: 3
 Irregular Lot Code: Y
 Lot Type: 3
 Basement Type Grade: 5
 Land Assessed Value: 00000013950
 Total Assessed Value: 00000038700
 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: 0000.80
 Maximum Allowable Far: 03.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027240007
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0999008
 Y Coordinate: 0201366
 Zoning Map: 13A
 Sanborn Map: 304 027
 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

**G28
 SSE
 < 1/8
 0.080 mi.
 425 ft.**

**LOT 29, TAXBLOCK 2723
 417 MANHATTAN AVENUE
 BROOKLYN, NY 11222**

**NY E DESIGNATION S108076489
 N/A**

Site 2 of 3 in cluster G

**Relative:
 Lower**

E DESIGNATION:
 Tax Lot(s): 29
 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: Air Quality - Operable Window Limitations

**Actual:
 14 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 29,TAXBLOCK 2723 (Continued)

S108076489

Borough Code: BK
Community District: 301
Census Tract: 499
Census Block: 2013
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: G2
Land Use Category: 10
Number of Easements: 0
Owner, Type of Code: P
Owner Name: MANHATTAN AVE GROUP I
Lot Area: 000002500
Total Building Floor Area: 00000002500
Commercial Floor Area: 00000002500
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000002500
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: 0025.00
Building Depth: 0100.00
Proximity Code: 3
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000014760
Total Assessed Value: 00000040995
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: 0001.00
Maximum Allowable Far: 03.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 29,TAXBLOCK 2723 (Continued)

S108076489

Borough Code: 3
Borough Tax Block And Lot: 3027230029
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998930
Y Coordinate: 0201246
Zoning Map: 13A
Sanborn Map: 304 027
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

Tax Lot(s): 29
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: 499
Census Block: 2013
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: G2
Land Use Category: 10
Number of Easements: 0
Owner, Type of Code: P
Owner Name: MANHATTAN AVE GROUP I
Lot Area: 000002500
Total Building Floor Area: 00000002500
Commercial Floor Area: 00000002500
Office Floor Area: 00000000000
Retail Floor Area: 00000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 29,TAXBLOCK 2723 (Continued)

S108076489

Garage Floor Area: 00000002500
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: 0025.00
Building Depth: 0100.00
Proximity Code: 3
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000014760
Total Assessed Value: 00000040995
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: 0001.00
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027230029
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998930
Y Coordinate: 0201246
Zoning Map: 13A
Sanborn Map: 304 027
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

F29
East
< 1/8
0.081 mi.
428 ft.

489 GRAHAM AVE
BROOKLYN, NY 11222

EDR US Hist Cleaners **1015066623**
N/A

Site 3 of 5 in cluster F

Relative:
Higher

EDR Historical Cleaners:

Name: SUSANS LAUNDROMAT
 Year: 2010
 Address: 489 GRAHAM AVE

Actual:
18 ft.

Name: SUSANS LAUNDROMAT
 Year: 2011
 Address: 489 GRAHAM AVE

Name: SUSANS LAUNDROMAT
 Year: 2012
 Address: 489 GRAHAM AVE

H30
NNW
< 1/8
0.083 mi.
436 ft.

LOT 7502,TAXBLOCK 2713
84 ENGERT AVENUE
BROOKLYN, NY

NY E DESIGNATION **S113453310**
N/A

Site 1 of 6 in cluster H

Relative:
Higher

E DESIGNATION:

Tax Lot(s): 7502
 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

Actual:
16 ft.

Zoning Map No: 12c, 12d, 13a, 13b
 Description: Underground Gasoline Storage Tanks* 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
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 7502,TAXBLOCK 2713 (Continued)

S113453310

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
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 ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I31
NW
< 1/8
0.083 mi.
436 ft.

ALL AMERICAN INSTALLATIONS, INC.
510 MANHATTAN AVE
BROOKLYN, NY 11222

NY UST U004045929
N/A

Site 1 of 3 in cluster I

Relative:
Higher

UST:
Id/Status: 2-609759 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 588797.25112000003
UTM Y: 4508331.8129700003

Actual:
16 ft.

Affiliation Records:
Site Id: 333225
Affiliation Type: Mail Contact
Company Name: LOU HAL PROPERTIES, INC.
Contact Type: V.P.
Contact Name: JON HALPERIN
Address1: 1144 ATLANTIC AVENUE
Address2: Not reported
City: BALDWIN
State: NY
Zip Code: 11510
Country Code: 001
Phone: (516) 546-8414
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 9/14/2007

Site Id: 333225
Affiliation Type: Facility Owner
Company Name: LOU HAL PROPERTIES, INC.
Contact Type: V.P.
Contact Name: JON HALPERIN
Address1: 1144 ATLANTIC AVENUE
Address2: Not reported
City: BALDWIN
State: NY
Zip Code: 11510
Country Code: 001
Phone: (516) 546-8414
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 9/14/2007

Site Id: 333225
Affiliation Type: On-Site Operator
Company Name: ALL AMERICAN INSTALLATIONS, INC.
Contact Type: Not reported
Contact Name: JON
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALL AMERICAN INSTALLATIONS, INC. (Continued)

U004045929

Country Code: 001
Phone: (718) 599-1600
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 11/2/2004

Site Id: 333225
Affiliation Type: Emergency Contact
Company Name: LOU HAL PROPERTIES, INC
Contact Type: Not reported
Contact Name: JON HALPERIN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (516) 238-7314
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 11/2/2004

Tank Info:

Tank Number: 01
Tank ID: 180690
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/01/2004
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: KXTANG
Last Modified: 11/02/2004

Equipment Records:

L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALL AMERICAN INSTALLATIONS, INC. (Continued)

U004045929

K00 - Spill Prevention - None

Tank Number: 02
Tank ID: 180691
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/01/2004
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: KXTANG
Last Modified: 11/02/2004

Equipment Records:

L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Tank Number: 03
Tank ID: 180692
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/01/2004
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: KXTANG
Last Modified: 11/02/2004

Equipment Records:

L00 - Piping Leak Detection - None

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ALL AMERICAN INSTALLATIONS, INC. (Continued)

U004045929

- F00 - Pipe External Protection - None
- A00 - Tank Internal Protection - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- J02 - Dispenser - Suction Dispenser
- E00 - Piping Secondary Containment - None
- H00 - Tank Leak Detection - None
- I00 - Overfill - None
- G00 - Tank Secondary Containment - None
- C02 - Pipe Location - Underground/On-ground
- B00 - Tank External Protection - None
- K00 - Spill Prevention - None

**H32
 NNW
 < 1/8
 0.083 mi.
 439 ft.**

**LOT 7501,TAXBLOCK 2713
 76 ENGERT AVENUE
 BROOKLYN, NY**

**NY E DESIGNATION S113453287
 N/A**

Site 2 of 6 in cluster H

**Relative:
 Higher**

E DESIGNATION:

**Actual:
 16 ft.**

Tax Lot(s):	7501
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:	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
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 7501,TAXBLOCK 2713 (Continued)

S113453287

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
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

33
 North
 < 1/8
 0.084 mi.
 445 ft.

**LOT 13,TAXBLOCK 2714
 100 ENGERT AVENUE
 BROOKLYN, NY 11222**

**NY E DESIGNATION S108076263
 N/A**

**Relative:
 Higher**

E DESIGNATION:	
Tax Lot(s):	13
E-No:	E-138
Effective Date:	5/11/2005
Satisfaction Date:	Not reported

**Actual:
 17 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 13,TAXBLOCK 2714 (Continued)

S108076263

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: Air Quality - Operable Window Limitations
Borough Code: BK
Community District: 301
Census Tract: 499
Census Block: 2003
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: M1-2/R6A
Zone District 2: R6B
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: MX-8
Special Purpose District2: Not reported
All Components1: M1-2/R6A/MX-8
All Components2: R6B
Split Boundary Indicator: Y
Building Class: G9
Land Use Category: 07
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: GREENPOINT TRUCK CENT
Lot Area: 000012500
Total Building Floor Area: 00000006215
Commercial Floor Area: 00000006215
Office Floor Area: 00000001920
Retail Floor Area: 00000000000
Garage Floor Area: 00000004295
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: 00000
Non and Residential Units: 00001
Lot Frontage: 0058.50
Lot Depth: 0150.00
Building Frontage: 0032.00
Building Depth: 0060.00
Proximity Code: 3
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000062100
Total Assessed Value: 00000130500
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1920
Year Built Code: Not reported
Year Altered1: 0000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 13,TAXBLOCK 2714 (Continued)

S108076263

Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.50
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027140013
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998830
Y Coordinate: 0201990
Zoning Map: 13A
Sanborn Map: 304 029
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

Tax Lot(s): 13
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: 499
Census Block: 2003
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: M1-2/R6A
Zone District 2: R6B
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: MX-8
Special Purpose District2: Not reported
All Components1: M1-2/R6A/MX-8
All Components2: R6B
Split Boundary Indicator: Y
Building Class: G9
Land Use Category: 07
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: GREENPOINT TRUCK CENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 13,TAXBLOCK 2714 (Continued)

S108076263

Lot Area: 000012500
Total Building Floor Area: 00000006215
Commercial Floor Area: 00000006215
Office Floor Area: 00000001920
Retail Floor Area: 00000000000
Garage Floor Area: 00000004295
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: 00000
Non and Residential Units: 00001
Lot Frontage: 0058.50
Lot Depth: 0150.00
Building Frontage: 0032.00
Building Depth: 0060.00
Proximity Code: 3
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000062100
Total Assessed Value: 00000130500
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: 0000.50
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027140013
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998830
Y Coordinate: 0201990
Zoning Map: 13A
Sanborn Map: 304 029
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

G34
SSE
 < 1/8
 0.085 mi.
 447 ft.

LOT 30,TAXBLOCK 2723
415 MANHATTAN AVENUE
BROOKLYN, NY 11222

NY E DESIGNATION

S108076507
N/A

Site 3 of 3 in cluster G

Relative:
Lower

E DESIGNATION:

Actual:
14 ft.

Tax Lot(s):	30
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:	Air Quality - Operable Window Limitations
Borough Code:	BK
Community District:	301
Census Tract:	499
Census Block:	2013
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:	B9
Land Use Category:	01
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	GUIDICE, TENANTS IN
Lot Area:	000002500
Total Building Floor Area:	00000001050
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:	0021.00
Building Depth:	0025.00
Proximity Code:	2
Irregular Lot Code:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 30,TAXBLOCK 2723 (Continued)

S108076507

Lot Type: 5
Basement Type Grade: 1
Land Assessed Value: 00000001317
Total Assessed Value: 00000009434
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
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: 0000.42
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027230030
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998899
Y Coordinate: 0201223
Zoning Map: 13A
Sanborn Map: 304 027
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

Tax Lot(s): 30
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: 499
Census Block: 2013
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 30,TAXBLOCK 2723 (Continued)

S108076507

Special Purpose District2: Not reported
All Components1: M1-2/R6/MX-8
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: GUIDICE, TENANTS IN
Lot Area: 000002500
Total Building Floor Area: 00000001050
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: 0021.00
Building Depth: 0025.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 1
Land Assessed Value: 00000001317
Total Assessed Value: 00000009434
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
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: 0000.42
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027230030
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998899
Y Coordinate: 0201223
Zoning Map: 13A
Sanborn Map: 304 027
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 30,TAXBLOCK 2723 (Continued)

S108076507

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

**H35
 NNW
 < 1/8
 0.086 mi.
 455 ft.**

**LOT 7501,TAXBLOCK 2698
 49 ENGERT AVENUE
 BROOKLYN, NY**

NY E DESIGNATION

**S113453286
 N/A**

Site 3 of 6 in cluster H

**Relative:
 Higher**

E DESIGNATION:

Tax Lot(s): 7501
 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

**Actual:
 16 ft.**

Zoning Map No: 12c, 12d, 13a, 13b
 Description: Underground Gasoline Storage Tanks* 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
 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 7501,TAXBLOCK 2698 (Continued)

S113453286

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
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

J36
 NNE
 < 1/8
 0.087 mi.
 459 ft.

534 GRAHAM AVENUE HDFC
534 GRAHAM AVENUE
BROOKLYN, NY 11222
Site 1 of 3 in cluster J

NY AST U003394636
NY HIST AST N/A

Relative:
Higher

Actual:
18 ft.

AST:	
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-466832
Program Type:	PBS
UTM X:	588979.02757999999
UTM Y:	4508335.1115199998
Expiration Date:	2013/05/15

Affiliation Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

534 GRAHAM AVENUE HDFC (Continued)

U003394636

Site Id: 20278
Affiliation Type: Facility Owner
Company Name: 534 GRAHAM AVE HDFC
Contact Type: MANAGING AGENT
Contact Name: IVETTE ALERTE
Address1: 2 KINGSLAND AVE 1ST FL
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-5454
EMail: LALERTE@STNICKSALLIANCE.ORG
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2/17/2012

Site Id: 20278
Affiliation Type: Mail Contact
Company Name: 534 GRAHAM AVE HDFC
Contact Type: MANAGING AGENT
Contact Name: IVETTE ALERTE
Address1: 2 KINGSLAND AVE 1ST FL
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-5454
EMail: LALERTE@STNICKSALLIANCE.ORG
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2/17/2012

Site Id: 20278
Affiliation Type: On-Site Operator
Company Name: 534 GRAHAM AVENUE HDFC
Contact Type: Not reported
Contact Name: ST NICKS ALLIANCE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 388-5454
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2/17/2012

Site Id: 20278
Affiliation Type: Emergency Contact
Company Name: 534 GRAHAM AVE HDFC
Contact Type: Not reported
Contact Name: IVETTE ALERTE
Address1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

534 GRAHAM AVENUE HDFC (Continued)

U003394636

Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 388-5454 109
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2/17/2012

Tank Info:

Tank Number: 001
Tank Id: 36924
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 05/01/1920
Capacity Gallons: 1500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: BVCAMPBE
Last Modified: 02/17/2012

HIST AST:

PBS Number: 2-466832
SWIS Code: 6101
Operator: ST. NICHOLAS NPC
Facility Phone: (718) 388-5454
Facility Addr2: 534 GRAHAM AVENUE
Facility Type: Not reported
Emergency: ZULY ROLAN
Emergency Tel: (718) 388-5454
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

534 GRAHAM AVENUE HDFC (Continued)

U003394636

Owner Name: 534 GRAHAM AVENUE HDFC
Owner Address: 11-29 CATHERINE STREET 3-FLOOR
Owner City,St,Zip: BROOKLYN, NY 11211
Federal ID: Not reported
Owner Tel: (718) 388-5454
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: SUPER FACILITY MANAGER
Mailing Name: 534 GRAHAM AVENUE
Mailing Address: 534 GRAHAM AVENUE
Mailing Address 2: Not reported
Mailing City,St,Zip: BROOKLYN, NY 11222
Mailing Telephone: (718) 388-5454
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.

Certification Flag: False
Certification Date: 05/21/1998
Expiration: 05/15/2003
Renew Flag: False
Renew Date: Not reported
Total Capacity: 2000
FAMT: True
Facility Screen: Minor Data Missing
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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

534 GRAHAM AVENUE HDFC (Continued)

U003394636

Updated: False
SPDES Number: Not reported
Lat/Long: Not reported

K37
SW
< 1/8
0.087 mi.
460 ft.

VS 3971
BAYARD ST/LENARD ST
BROOKLYN, NY
Site 1 of 4 in cluster K

NY Spills S103936273
N/A

Relative:
Lower

SPILLS:

Facility ID: 9900576
DER Facility ID: 112990
Facility Type: ER
Site ID: 131144
DEC Region: 2
Spill Date: 4/15/1999
Spill Number/Closed Date: 9900576 / 4/26/1999
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Actual:
14 ft.

SWIS:

Investigator: JHOCONNE
Referred To: Not reported
Reported to Dept: 4/15/1999
CID: 281
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: 4/15/1999
Spill Record Last Update: 6/15/2000
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: MIKE CESARE
Contact Phone: (212) 580-6763
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"Con ed e2mis notes:Found unknown & undiaperable sheen in VS 3971 on 20 gallons of water. Spill is contained. Sump pit only in structure no sewer connection. Pressure tested VS o.k. records show V.S. to have 224 ppms (FDR 6B53)<1.0 ppm, 4-16-99, 0400 hrs, K. Hufford flush reports in VS3971 cleanup completed.

Remarks:

APPROX 1 ONCE OF ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION.CLEAN UP PENDING TEST RESULTS. CON ED #124261. NO CALL BACKREQUESTED.

Material:

Site ID: 131144
Operable Unit ID: 1079332
Operable Unit: 01
Material ID: 307704

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VS 3971 (Continued)

S103936273

Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

**K38
SW
< 1/8
0.087 mi.
460 ft.**

**CONSOLIDATED EDISON
BAYARD ST & LEONARD ST
BROOKLYN, NY
Site 2 of 4 in cluster K**

**NY MANIFEST S108933250
N/A**

**Relative:
Lower**

NY MANIFEST:
EPA ID: NYP004153664
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address: 4 IRVING PL RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

**Actual:
14 ft.**

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 9/6/2007
Trans1 Recv Date: 9/6/2007
Trans2 Recv Date: Not reported
TSD Site Recv Date: 9/7/2007
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004153664
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NYD077444263
Waste Code: Not reported
Quantity: 150
Units: K - Kilograms (2.2 pounds)
Number of Containers: 3
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2007
Manifest Tracking Num: 001437102FLE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

S108933250

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: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 2007-09-06
Trans1 Recv Date: 2007-09-06
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2007-09-07
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004153664
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NYD077444263
Waste Code: Not reported
Quantity: 150.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2007
Manifest Tracking Num: 001437102FLE
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

K39
SSW
 < 1/8
 0.094 mi.
 497 ft.

LOT 7501,TAXBLOCK 2722
415 LEONARD STREET
BROOKLYN, NY

NY E DESIGNATION

S113453290
N/A

Site 3 of 4 in cluster K

Relative:
Lower

E DESIGNATION:

Actual:
14 ft.

Tax Lot(s):	7501
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:	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
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 7501,TAXBLOCK 2722 (Continued)

S113453290

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
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

F40
East
< 1/8
0.095 mi.
503 ft.

LOT 46,TAXBLOCK 2720
167 BAYARD STREET
BROOKLYN, NY 11222
Site 4 of 5 in cluster F

NY E DESIGNATION **S108076626**
N/A

Relative:
Higher

E DESIGNATION:	
Tax Lot(s):	46
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

Actual:
18 ft.

Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Borough Code:	BK
Community District:	301
Census Tract:	499
Census Block:	2007
School District:	14
City Council District:	33
Fire Company:	E229
Health Area:	30

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 46,TAXBLOCK 2720 (Continued)

S108076626

Police Precinct: 094
Zone District 1: R6B
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: R6B
All Components2: Not reported
Split Boundary Indicator: N
Building Class: G0
Land Use Category: 10
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: LANZA, PHYLLIS PROTO
Lot Area: 000002400
Total Building Floor Area: 00000000883
Commercial Floor Area: 00000000883
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000883
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: 001.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0024.00
Lot Depth: 0100.00
Building Frontage: 0024.00
Building Depth: 0036.67
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000003919
Total Assessed Value: 00000006912
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: 0000.37
Maximum Allowable Far: 02.00
Borough Code: 3
Borough Tax Block And Lot: 3027200046
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999289
Y Coordinate: 0201820
Zoning Map: 13A
Sanborn Map: 304 029

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 46,TAXBLOCK 2720 (Continued)

S108076626

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

**J41
 NNE
 < 1/8
 0.096 mi.
 507 ft.**

**LOT 1,TAXBLOCK 2701
 540 GRAHAM AVENUE
 BROOKLYN, NY 11222**

**NY E DESIGNATION S109318047
 N/A**

Site 2 of 3 in cluster J

**Relative:
 Higher**

E DESIGNATION:
 Tax Lot(s): 1
 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: 499
 Census Block: 1004
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: R6B
 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: R6B
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: G7
 Land Use Category: 10
 Number of Easements: 0
 Owner, Type of Code: Not reported
 Owner Name: RUFRANO, ANNA
 Lot Area: 000002580
 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

**Actual:
 18 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 1,TAXBLOCK 2701 (Continued)

S109318047

Factory Floor Area: 00000000000
 Other Floor Area: 00000000000
 Floor Area,Total Bld Source Code7
 Number of Buildings: 00000
 Number of Floors: 000.00
 Residential Units: 00000
 Non and Residential Units: 00000
 Lot Frontage: 0020.58
 Lot Depth: 0101.33
 Building Frontage: 0000.00
 Building Depth: 0000.00
 Proximity Code: 0
 Irregular Lot Code: Y
 Lot Type: 3
 Basement Type Grade: 5
 Land Assessed Value: 00000017100
 Total Assessed Value: 00000017100
 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: 02.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027010001
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0999013
 Y Coordinate: 0202182
 Zoning Map: 13A
 Sanborn Map: 304 040
 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

F42
East
< 1/8
0.098 mi.
516 ft.

LOT 45,TAXBLOCK 2720
169 BAYARD STREET
BROOKLYN, NY 11222
Site 5 of 5 in cluster F

NY E DESIGNATION S108076622
N/A

Relative:
Higher

E DESIGNATION:
 Tax Lot(s): 45
 E-No: E-138
 Effective Date: 5/11/2005
 Satisfaction Date: Not reported

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 45,TAXBLOCK 2720 (Continued)

S108076622

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: 499
Census Block: 2007
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: R6B
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: R6B
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: LUPOLI THOMAS'
Lot Area: 000002400
Total Building Floor Area: 00000002448
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: 003.00
Residential Units: 00003
Non and Residential Units: 00003
Lot Frontage: 0024.00
Lot Depth: 0100.00
Building Frontage: 0024.00
Building Depth: 0040.00
Proximity Code: 3
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 2
Land Assessed Value: 00000002012
Total Assessed Value: 00000013478
Land Exempt Value: 00000002012
Total Exempt Value: 00000005740
Year Built: 1910
Year Built Code: E
Year Altered1: 0000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 45,TAXBLOCK 2720 (Continued)

S108076622

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: 3027200045
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0999326
 Y Coordinate: 0201810
 Zoning Map: 13A
 Sanborn Map: 304 029
 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

J43
NNE
< 1/8
0.100 mi.
529 ft.

LOT 2,TAXBLOCK 2701
542 GRAHAM AVENUE
BROOKLYN, NY 11222

NY E DESIGNATION **S109318057**
N/A

Site 3 of 3 in cluster J

Relative:
Higher

E DESIGNATION:
 Tax Lot(s): 2
 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: 499
 Census Block: 1004
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: R6B
 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: R6B
 All Components2: Not reported

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 2,TAXBLOCK 2701 (Continued)

S109318057

Split Boundary Indicator: N
Building Class: G7
Land Use Category: 10
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: RUFRANO, ANNA
Lot Area: 000002204
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 Code7
Number of Buildings: 00000
Number of Floors: 000.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0022.00
Lot Depth: 0100.17
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: 00000014850
Total Assessed Value: 00000014850
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: 02.00
Borough Code: 3
Borough Tax Block And Lot: 3027010002
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998972
Y Coordinate: 0202197
Zoning Map: 13A
Sanborn Map: 304 040
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 2,TAXBLOCK 2701 (Continued)

S109318057

Date of Political and Adm Data: 08/2005
 Pluto-Base Map Indicator: 1

**L44
 East
 < 1/8
 0.100 mi.
 530 ft.**

**LOT 44,TAXBLOCK 2720
 171 BAYARD STREET
 BROOKLYN, NY 11222**

NY E DESIGNATION

**S108076617
 N/A**

Site 1 of 4 in cluster L

**Relative:
 Higher**

E DESIGNATION:

**Actual:
 18 ft.**

Tax Lot(s):	44
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:	499
Census Block:	2007
School District:	14
City Council District:	33
Fire Company:	E229
Health Area:	30
Police Precinct:	094
Zone District 1:	R6B
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:	R6B
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F4
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	UNDERSEISER, TRACY
Lot Area:	000002050
Total Building Floor Area:	00000002000
Commercial Floor Area:	00000002000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000002000
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:	0020.50
Lot Depth:	0100.00

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 44,TAXBLOCK 2720 (Continued)

S108076617

Building Frontage: 0020.50
 Building Depth: 0100.00
 Proximity Code: 3
 Irregular Lot Code: N
 Lot Type: 5
 Basement Type Grade: 5
 Land Assessed Value: 00000011700
 Total Assessed Value: 00000034200
 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: 0000.98
 Maximum Allowable Far: 02.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027200044
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0999325
 Y Coordinate: 0201848
 Zoning Map: 13A
 Sanborn Map: 304 029
 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

**I45
 NW
 < 1/8
 0.102 mi.
 540 ft.**

**H T JEWELRY MFG CO INC
 477 LEONARD ST
 BROOKLYN, NY 11222**

**RCRA NonGen / NLR 1001229448
 FINDS NYR000060665
 NY MANIFEST**

Site 2 of 3 in cluster I

**Relative:
 Lower**

RCRA NonGen / NLR:
 Date form received by agency: 01/01/2007
 Facility name: H T JEWELRY MFG CO INC
 Facility address: 477 LEONARD ST
 BROOKLYN, NY 11223909
 EPA ID: NYR000060665
 Mailing address: LEONARD ST
 BROOKLYN, NY 11222
 Contact: HERMAN HERSKOVIC
 Contact address: LEONARD ST
 BROOKLYN, NY 11222
 Contact country: US
 Contact telephone: (718) 388-1700
 Contact email: Not reported

**Actual:
 15 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H T JEWELRY MFG CO INC (Continued)

1001229448

EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: HERMAN HERSKOVIC
Owner/operator address: 477 LEONARD ST
BROOKLYN, NY 11222

Owner/operator country: US
Owner/operator telephone: (718) 388-1700
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: HERMAN HERSKOVIC
Owner/operator address: 477 LEONARD ST
BROOKLYN, NY 11222

Owner/operator country: US
Owner/operator telephone: (718) 388-1700
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
Facility name: H T JEWELRY MFG CO INC
Classification: Not a generator, verified

Date form received by agency: 09/24/1998
Facility name: H T JEWELRY MFG CO INC
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004546894

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

H T JEWELRY MFG CO INC (Continued)

1001229448

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: NYR000060665
 Country: USA
 Mailing Name: HT JEWELRY MFG
 Mailing Contact: HERMAN HERSROVIC
 Mailing Address: 477 LEONARD ST
 Mailing Address 2: Not reported
 Mailing City: BROOKLYN
 Mailing State: NY
 Mailing Zip: 11222
 Mailing Zip4: Not reported
 Mailing Country: USA
 Mailing Phone: 718-388-1700

Document ID: NYG1417248
 Manifest Status: Not reported
 Trans1 State ID: NYD077444263
 Trans2 State ID: Not reported
 Generator Ship Date: 10/01/1998
 Trans1 Recv Date: 10/01/1998
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 10/16/1998
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYR000060665
 Trans1 EPA ID: NYD077444263
 Trans2 EPA ID: Not reported
 TSDF ID: NYPD1010
 Waste Code: D002 - NON-LISTED CORROSIVE WASTES
 Quantity: 00110
 Units: G - Gallons (liquids only)* (8.3 pounds)
 Number of Containers: 002
 Container Type: DF - Fiberboard or plastic drums (glass)
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 01.00
 Year: 98

146
 NW
 < 1/8
 0.102 mi.
 540 ft.

**LOT 1, TAXBLOCK 2697
 477 LEONARD STREET
 BROOKLYN, NY 11222**
 Site 3 of 3 in cluster I

**NY E DESIGNATION S109318046
 N/A**

Relative:
 Lower
 Actual:
 15 ft.

E DESIGNATION:
 Tax Lot(s): 1
 E-No: E-138
 Effective Date: 5/11/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 1,TAXBLOCK 2697 (Continued)

S109318046

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: 1000
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: F9
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: HERSKOVIC HERMAN
Lot Area: 000006868
Total Building Floor Area: 0000006688
Commercial Floor Area: 0000006688
Office Floor Area: 0000000000
Retail Floor Area: 0000000000
Garage Floor Area: 0000000000
Storage Floor Area: 0000000000
Factory Floor Area: 0000006688
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: 0156.83
Lot Depth: 0091.54
Building Frontage: 0132.83
Building Depth: 0091.54
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000035820
Total Assessed Value: 00000112050
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1929
Year Built Code: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 1,TAXBLOCK 2697 (Continued)

S109318046

Year Altered1: 0000
 Year Altered2: 0000
 Historic District Name: Not reported
 Landmark Name: Not reported
 Built Floor Area Ratio-Far: 0000.97
 Maximum Allowable Far: 03.00
 Borough Code: 3
 Borough Tax Block And Lot: 3026970001
 Condominium Number: 00000
 Census Tract 2: 0515
 X Coordinate: 0998326
 Y Coordinate: 0202260
 Zoning Map: 13A
 Sanborn Map: 304 039
 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

L47
East
< 1/8
0.103 mi.
542 ft.

LOT 43,TAXBLOCK 2720
173 BAYARD STREET
BROOKLYN, NY 11222

NY E DESIGNATION **S108076615**
N/A

Site 2 of 4 in cluster L

Relative:
Higher

E DESIGNATION:
 Tax Lot(s): 43
 E-No: E-138
Actual: 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: 499
 Census Block: 2007
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: R6B
 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: R6B

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 43,TAXBLOCK 2720 (Continued)

S108076615

All Components2: Not reported
Split Boundary Indicator: N
Building Class: F4
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: UNDERSEISER, TRACY
Lot Area: 000002050
Total Building Floor Area: 00000002000
Commercial Floor Area: 00000002000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000002000
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: 0020.50
Lot Depth: 0100.00
Building Frontage: 0020.00
Building Depth: 0100.00
Proximity Code: 3
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000011700
Total Assessed Value: 00000034200
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: 0000.98
Maximum Allowable Far: 02.00
Borough Code: 3
Borough Tax Block And Lot: 3027200043
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999362
Y Coordinate: 0201833
Zoning Map: 13A
Sanborn Map: 304 029
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 43,TAXBLOCK 2720 (Continued)

S108076615

Date of Mass Appraisal Data: 11/2005
 Date of Political and Adm Data: 08/2005
 Pluto-Base Map Indicator: 1

K48
SSW
 < 1/8
 0.104 mi.
 549 ft.

LOT 5,TAXBLOCK 2723
404 LEONARD STREET
BROOKLYN, NY 11222
Site 4 of 4 in cluster K

NY E DESIGNATION S108076654
N/A

Relative:
Lower

E DESIGNATION:
 Tax Lot(s): 5
 E-No: E-138
Actual:
 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: 499
 Census Block: 2013
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: M1-2/R6A
 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/R6A/MX-8
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: V1
 Land Use Category: 11
 Number of Easements: 0
 Owner, Type of Code: Not reported
 Owner Name: ISRAEL M DOLGIN ASSOC
 Lot Area: 000000578
 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 Code#
 Number of Buildings: 00000
 Number of Floors: 000.00
 Residential Units: 00000
 Non and Residential Units: 00000
 Lot Frontage: 0033.50

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 5, TAXBLOCK 2723 (Continued)

S108076654

Lot Depth: 0034.67
Building Frontage: 0000.00
Building Depth: 0000.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000004455
Total Assessed Value: 00000004455
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: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027230005
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998569
Y Coordinate: 0201175
Zoning Map: 13A
Sanborn Map: 304 027
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

M49
SSE
< 1/8
0.104 mi.
551 ft.

LOT 7, TAXBLOCK 2734
402 MEEKER AVENUE
BROOKLYN, NY 11211
Site 1 of 3 in cluster M

NY E DESIGNATION **S108076707**
N/A

Relative:
Lower

E DESIGNATION:
Tax Lot(s): 7
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: 497

Actual:
14 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 7, TAXBLOCK 2734 (Continued)

S108076707

Census Block: 1001
School District: 14
City Council District: 34
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: E3
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: RUSSIN, MARGE
Lot Area: 000007960
Total Building Floor Area: 00000007033
Commercial Floor Area: 00000007033
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000007033
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: 0097.83
Lot Depth: 0183.50
Building Frontage: 0097.00
Building Depth: 0182.00
Proximity Code: 1
Irregular Lot Code: Y
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000051750
Total Assessed Value: 00000185400
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1970
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: 0000.88
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027340007
Condominium Number: 00000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 7, TAXBLOCK 2734 (Continued)

S108076707

Census Tract 2: 0497
X Coordinate: 0999112
Y Coordinate: 0201014
Zoning Map: 13A
Sanborn Map: 304 027
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

**H50
NNW
< 1/8
0.105 mi.
557 ft.**

**BERKMAN BROS. INC.
55 ECKFORD ST.
BROOKLYN, NY 11222
Site 4 of 6 in cluster H**

**NY CBS AST S100494954
N/A**

**Relative:
Higher**

CBS AST:
CBS Number: 2-000058
ICS Number: 2-125095
PBS Number: Not reported
MOSF Number: Not reported
SPDES Number: Not reported
Facility Status: ACTIVE FACILITY
Facility Type: MANUFACTURING
Telephone: (718) 387-8811
Facility Town: NEW YORK CITY
Region: STATE
Expiration Date: 06/14/1999
Total Capacity of All Active Tanks(gal): 0
Operator: GERALD BERKMAN
Emergency Contact: GERALD BERKMAN
Emergency Phone: (516) 799-6958
Owner Name: BERKMAN BROS. INC.
Owner Address: 55 ECKFORD ST.
Owner City,St,Zip: BROOKLYN, NY 11222
Owner Telephone: (718) 387-8811
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Mail Name: BERKMAN BROS. INC.
Mail Contact Addr: 55 ECKFORD ST.
Mail Contact Addr2: Not reported
Mail Contact Contact: GERALD BERKMAN
Mail Contact City,St,Zip: BROOKLYN, NY 11222
Mail Phone: (718) 387-8811

**Actual:
17 ft.**

Tank Id: 1
CAS Number: 7681529
Federal ID: Not reported
Tank Status: 0
Install Date: 11/85
Tank Closed: 01/98

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BERKMAN BROS. INC. (Continued)

S100494954

Capacity (Gal): 500
 Chemical: Sodium hypochlorite
 Tank Location: ABOVEGROUND
 Tank Type: Fiberglass reinforced plastic [FRP]
 Total Tanks: 0
 Tank Secret: False
 Tank Containment: Other
 Tank Error Status: No Missing Data
 Date Entered: 06/14/1989
 Certified Date: 05/20/1997
 Substance: Single Hazardous Substance on DEC List
 Internal Protection: None
 External Protection: None
 Pipe Location: Aboveground
 Pipe Type: PLASTIC
 Pipe Internal: None
 Pipe External: 0
 Pipe Containment: None
 Pipe Flag: None
 Leak Detection: None
 Overfill Protection: Catch Basin
 Haz Percent: 15
 Last Test: Not reported
 Due Date: Not reported
 SWIS Code: 6101
 Lat/Long: Not reported
 Is Updated: False
 Renew Date: 03/01/93
 Is It There: False
 Delinquent: False
 Date Expired: 06/14/95
 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: 03/03/1997

H51
NNW
 < 1/8
 0.105 mi.
 557 ft.

44 ECKFORD ST
55 ECKFORD STREET
BROOKLYN, NY 11222
 Site 5 of 6 in cluster H

NY AST **A100319040**
N/A

Relative:
Higher

AST:
 Region: STATE
 DEC Region: 2
 Site Status: Unregulated
 Facility Id: 2-268666
 Program Type: PBS
 UTM X: 588889.62745999999
 UTM Y: 4508377.3925299998
 Expiration Date: N/A

Actual:
17 ft.

Affiliation Records:
 Site Id: 11206
 Affiliation Type: Mail Contact
 Company Name: BLUE DIAMOND
 Contact Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

44 ECKFORD ST (Continued)

A100319040

Contact Name: MARK JUNGER
Address1: 199 LEE AVE
Address2: #287
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 403-0900
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 4/7/2008

Site Id: 11206
Affiliation Type: On-Site Operator
Company Name: 44 ECKFORD ST
Contact Type: Not reported
Contact Name: JAMES QUINN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 403-0900
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 4/7/2008

Site Id: 11206
Affiliation Type: Emergency Contact
Company Name: MARK JUNGER
Contact Type: Not reported
Contact Name: MARK JUNGER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 403-0900
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 4/7/2008

Site Id: 11206
Affiliation Type: Facility Owner
Company Name: MARK JUNGER
Contact Type: PRES
Contact Name: MARK JUNGER
Address1: 199 LEE AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

44 ECKFORD ST (Continued)

A100319040

Country Code: 001
Phone: (718) 403-0900
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 4/7/2008

Tank Info:

Tank Number: 001
Tank Id: 13519
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

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
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1976
Capacity Gallons: 2500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/07/2005
Register: True
Modified By: msbaptis
Last Modified: 04/07/2008

H52
NNW
< 1/8
0.105 mi.
557 ft.

BERKMAN BROS INC
ECKFORD ST
BROOKLYN, NY 11222
Site 6 of 6 in cluster H

RCRA-CESQG 1000271415
FINDS NYD001236017
NY LTANKS
NY MANIFEST
NY CBS

Relative:
Higher

RCRA-CESQG:
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

Actual:
17 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BERKMAN BROS INC (Continued)

1000271415

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

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 ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BERKMAN BROS INC (Continued)

1000271415

Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: BERKMAN BROS INC
Classification: Small Quantity Generator

Date form received by agency: 02/18/2004
Facility name: BERKMAN BROS INC
Classification: Not a generator, verified

Date form received by agency: 01/01/2001
Facility name: BERKMAN BROS INC
Site name: BERMAN BROS INC
Classification: Large Quantity Generator

Date form received by agency: 07/14/1999
Facility name: BERKMAN BROS INC
Classification: Small Quantity Generator

Date form received by agency: 07/28/1980
Facility 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BERKMAN BROS INC (Continued)

1000271415

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

FINDS:

Registry ID: 110004332883

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.

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.

HAZARDOUS WASTE BIENNIAL REPORTER

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BERKMAN BROS INC (Continued)

1000271415

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
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 Name: BERKMAN BROS
Mailing Contact: BERKMAN BROS
Mailing Address: 85 MEADOW STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11206
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-782-1827

Document ID: NJA0906939
Manifest Status: Completed after the designated time period for a TSDF 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
TSDF ID: NJD002182897
Waste Code: F005 - UNKNOWN
Quantity: 00320

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: 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 TSDf 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
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: 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
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
TSDf 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

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: L Landfill.
Specific Gravity: 100
Year: 92

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
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: MIA4497247
Manifest Status: Completed after the designated time period for a TSD 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
TSD 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

Document ID: MIA7001766
Manifest Status: Not reported
Trans1 State ID: NJD986607380

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: 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
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: 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

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: 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: 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
TSDF 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: 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

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: 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
TSD 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: 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: 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: 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
TSDF 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
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
TSDF 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: NJA0818620

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BERKMAN BROS INC (Continued)

1000271415

Manifest Status: Completed after the designated time period for a TSDF 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
TSDF 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: 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BERKMAN BROS INC (Continued)

1000271415

Generator EPA ID: NYD001236017
Trans1 EPA ID: CDD980756415
Trans2 EPA ID: Not reported
TSD 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: 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: 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BERKMAN BROS INC (Continued)

1000271415

Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 100
 Year: 90

CBS:

CBS Number: 2-000058
 Program Type: CBS
 Facility Status: Unregulated
 Expiration Date: N/A
 Dec Region: 2
 UTMX: 588840.22131000
 UTM Y: 4508396.6102499

**L53
 East
 < 1/8
 0.108 mi.
 569 ft.**

**LOT 41,TAXBLOCK 2720
 177 BAYARD STREET
 BROOKLYN, NY 11222**

**NY E DESIGNATION S108076604
 N/A**

Site 3 of 4 in cluster L

**Relative:
 Higher**

E DESIGNATION:

Tax Lot(s): 41
 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: 499
 Census Block: 2007
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: R6B
 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: R6B
 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: ALEXANDER DE ANGELIS
 Lot Area: 000002050
 Total Building Floor Area: 00000001980
 Commercial Floor Area: 00000001980
 Office Floor Area: 00000000000
 Retail Floor Area: 00000000000

**Actual:
 18 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 41,TAXBLOCK 2720 (Continued)

S108076604

Garage Floor Area: 00000000000
Storage Floor Area: 00000001980
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: 0020.58
Lot Depth: 0100.00
Building Frontage: 0020.50
Building Depth: 0096.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000011700
Total Assessed Value: 00000035550
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: 0000.97
Maximum Allowable Far: 02.00
Borough Code: 3
Borough Tax Block And Lot: 3027200041
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999388
Y Coordinate: 0201860
Zoning Map: 13A
Sanborn Map: 304 029
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M54
SSE
< 1/8
0.109 mi.
574 ft.

391 MEEKER AVE
BROOKLYN, NY 11222
Site 2 of 3 in cluster M

EDR US Hist Auto Stat 1015463686
N/A

Relative:
Lower
Actual:
14 ft.

EDR Historical Auto Stations:

Name: MEEKER AUTO REPR INC
Year: 2001
Address: 391 MEEKER AVE
Name: LT AUTOMOTIVE
Year: 2002
Address: 391 MEEKER AVE
Name: LT AUTOMOTIVE
Year: 2003
Address: 391 MEEKER AVE
Name: LT AUTOMOTIVE
Year: 2004
Address: 391 MEEKER AVE
Name: RALPHYS AUTO BODY REPAIR
Year: 2006
Address: 391 MEEKER AVE

M55
SSE
< 1/8
0.109 mi.
574 ft.

LOT 33,TAXBLOCK 2723
391 MEEKER AVENUE
BROOKLYN, NY 11222
Site 3 of 3 in cluster M

NY E DESIGNATION S108076538
N/A

Relative:
Lower
Actual:
14 ft.

E DESIGNATION:

Tax Lot(s): 33
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: Air Quality - Operable Window Limitations
Borough Code: BK
Community District: 301
Census Tract: 499
Census Block: 2013
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 2723 (Continued)

S108076538

Split Boundary Indicator: N
Building Class: G2
Land Use Category: 10
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: KEVIN SCANLON
Lot Area: 000002958
Total Building Floor Area: 0000002958
Commercial Floor Area: 0000002958
Office Floor Area: 0000000000
Retail Floor Area: 0000000000
Garage Floor Area: 0000002958
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: 0095.67
Lot Depth: 0100.00
Building Frontage: 0046.00
Building Depth: 0050.00
Proximity Code: 3
Irregular Lot Code: Y
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 0000018360
Total Assessed Value: 0000036495
Land Exempt Value: 0000000000
Total Exempt Value: 0000000000
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: 0001.00
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027230033
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998888
Y Coordinate: 0201139
Zoning Map: 13A
Sanborn Map: 304 027
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 2723 (Continued)

S108076538

Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 33
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: 499
Census Block: 2013
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: G2
Land Use Category: 10
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: KEVIN SCANLON
Lot Area: 000002958
Total Building Floor Area: 00000002958
Commercial Floor Area: 00000002958
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000002958
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: 0095.67
Lot Depth: 0100.00
Building Frontage: 0046.00
Building Depth: 0050.00
Proximity Code: 3
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 33,TAXBLOCK 2723 (Continued)

S108076538

Land Assessed Value: 00000018360
 Total Assessed Value: 00000036495
 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: 0001.00
 Maximum Allowable Far: 03.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027230033
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0998888
 Y Coordinate: 0201139
 Zoning Map: 13A
 Sanborn Map: 304 027
 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

**N56
 ESE
 < 1/8
 0.110 mi.
 583 ft.**

**LOT 1,TAXBLOCK 2724
 411 MEEKER AVENUE
 BROOKLYN, NY 11222
 Site 1 of 11 in cluster N**

**NY E DESIGNATION S108076185
 N/A**

**Relative:
 Higher**

E DESIGNATION:
 Tax Lot(s): 1
 E-No: E-138
Actual: 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: 499
 Census Block: 2012
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: M1-2/R6

**Actual:
 17 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 1,TAXBLOCK 2724 (Continued)

S108076185

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:	S9
Land Use Category:	04
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	ANTHONY M TETRO
Lot Area:	000003715
Total Building Floor Area:	00000004096
Commercial Floor Area:	00000001660
Office Floor Area:	00000000000
Retail Floor Area:	00000000700
Garage Floor Area:	00000000960
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:	003.00
Residential Units:	00003
Non and Residential Units:	00005
Lot Frontage:	0115.33
Lot Depth:	0058.00
Building Frontage:	0035.00
Building Depth:	0045.00
Proximity Code:	2
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000023127
Total Assessed Value:	00000042515
Land Exempt Value:	00000004252
Total Exempt Value:	00000004252
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:	0001.10
Maximum Allowable Far:	03.00
Borough Code:	3
Borough Tax Block And Lot:	3027240001
Condominium Number:	00000
Census Tract 2:	0499
X Coordinate:	0999025
Y Coordinate:	0201266
Zoning Map:	13A
Sanborn Map:	304 027
Tax Map:	30905
E Designation No:	E-138

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 1,TAXBLOCK 2724 (Continued)

S108076185

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

**L57
 East
 < 1/8
 0.110 mi.
 583 ft.**

**LOT 19,TAXBLOCK 2720
 179 BAYARD STREET
 BROOKLYN, NY 11222
 Site 4 of 4 in cluster L**

NY E DESIGNATION

**S108076357
 N/A**

**Relative:
 Higher**

E DESIGNATION:

Tax Lot(s): 19
 E-No: E-138

**Actual:
 19 ft.**

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: 499
 Census Block: 2007
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: R6B
 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: R6B
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: F4
 Land Use Category: 06
 Number of Easements: 0
 Owner, Type of Code: P
 Owner Name: BALCERZAK WACLAW
 Lot Area: 000006300
 Total Building Floor Area: 0000006300
 Commercial Floor Area: 0000006300
 Office Floor Area: 0000000000
 Retail Floor Area: 0000000000
 Garage Floor Area: 0000000000
 Storage Floor Area: 0000000000
 Factory Floor Area: 0000006300
 Other Floor Area: 0000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 19,TAXBLOCK 2720 (Continued)

S108076357

Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00005
Lot Frontage: 0039.96
Lot Depth: 0200.50
Building Frontage: 0039.96
Building Depth: 0200.50
Proximity Code: 3
Irregular Lot Code: Y
Lot Type: 4
Basement Type Grade: 5
Land Assessed Value: 00000032490
Total Assessed Value: 00000101250
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: 02.00
Borough Code: 3
Borough Tax Block And Lot: 3027200019
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999371
Y Coordinate: 0201938
Zoning Map: 13A
Sanborn Map: 304 029
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

**N58
ESE
< 1/8
0.110 mi.
583 ft.**

**413 MEEKER AVE
BROOKLYN, NY 11222
Site 2 of 11 in cluster N**

**EDR US Hist Auto Stat 1015481317
N/A**

**Relative:
Higher
Actual:
17 ft.**

EDR Historical Auto Stations:
Name: TEDS AUTO REPAIR
Year: 1999
Address: 413 MEEKER AVE
Name: TEDS AUTO REPAIR
Year: 2000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

1015481317

Address: 413 MEEKER AVE

Name: TONY'S AUTO BODY INC
 Year: 2001
 Address: 413 MEEKER AVE

Name: TONY'S AUTO BODY
 Year: 2002
 Address: 413 MEEKER AVE

Name: TONY'S AUTO BODY
 Year: 2003
 Address: 413 MEEKER AVE

Name: TONY'S AUTO BODY
 Year: 2004
 Address: 413 MEEKER AVE

Name: TONY'S AUTO BODY INC
 Year: 2005
 Address: 413 MEEKER AVE

Name: TONY'S AUTO BODY INC
 Year: 2006
 Address: 413 MEEKER AVE

Name: GERMANS MECHANIC
 Year: 2007
 Address: 413 MEEKER AVE

Name: GERMANS MECHANIC
 Year: 2008
 Address: 413 MEEKER AVE

Name: GERMANS MECHANIC
 Year: 2009
 Address: 413 MEEKER AVE

Name: GERMANS MECHANIC
 Year: 2010
 Address: 413 MEEKER AVE

Name: TONY'S AUTO BODY INC
 Year: 2011
 Address: 413 MEEKER AVE

**O59
 NW
 < 1/8
 0.111 mi.
 584 ft.**

**CONSTRUCTION SITE
 474 LEONARD STREET
 BROOKLYN, NY
 Site 1 of 4 in cluster O**

**NY Spills S106469115
 N/A**

**Relative:
 Lower**

SPILLS:
 Facility ID: 0401691
 DER Facility ID: 96987
 Facility Type: ER
 Site ID: 110779
 DEC Region: 2

**Actual:
 15 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSTRUCTION SITE (Continued)

S106469115

Spill Date: 5/14/2004
Spill Number/Closed Date: 0401691 / 7/11/2005
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: JMKRIMGO
Referred To: Not reported
Reported to Dept: 5/17/2004
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Citizen
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 5/17/2004
Spill Record Last Update: 7/11/2005
Spiller Name: ROLPH CARL
Spiller Company: MANHATTEN AVE/
Spiller Address: LEONARD STREET
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: ROLPH CARL
Contact Phone: (718) 383-7489
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER" Citizen gave a contact telephone number that was on a sign at the site: 718-641-1098. Sangesland called this number and spoke to a woman who said she was the managing agent for the site. She was given the DEC Hotline number and told to call in and to provide all of the contact info for the property owner and environmental company who is on line to do the work. 5/19/2004 Sangesland received a call from Bazel Sagos of Riverkeepers (845-424-4149 ext.230) He asked for a status update on the site and wanted to know what work was going to be required by the property developer to clean the site. 5/20/04 - Sawyer - Responded to the site on 5/19 and met Mr. John Sindone who works for the owner. We walked all over the excavation and did not find any indication of contamination. I looked at the phase one and II for the site done by Don Carlo Environmental and checked with PTC who had pumped out water from in the excavation. PTC said they remove 800 gallons of 95% water from the pit on the 5/17, the rest was soil and an oil sheen. 6/09/04 - Sawyer - Received copies of the Phase I & II as well as the tank closure report for the above property. There is no indication of finally removing elevated levels of semi volatiles that came back high with from pseudo endpoint samples. I called up Danny from Don Carlo and I am having him get me 1) Clean end point Samples, 2) Information on disposal of dirt from site, and 3) Groundwater samples to make sure of water quality there. 7/11/05. J.Kringold reviewed the Subsurface Remediation Report submitted by Don Carlo Environmental Services, Inc on June 2, 2005. According to the report remediation of this site has been completed. Post excavation end-point samples bellow TAGM levels. NFA letter.

Remarks: LOT & BLOCK IS 2698 & 1: DIGGING AT THIS SITE AND CALLER STATES, THAT DARK, OILY SMELLING, THICK SUBSATNCE IS THERE AND IS CONCERNED, CLOSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSTRUCTION SITE (Continued)

S106469115

TO A PARK:

Material:
Site ID: 110779
Operable Unit ID: 885583
Operable Unit: 01
Material ID: 492887
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

**O60
NW
< 1/8
0.111 mi.
584 ft.**

**474 LEONARD ST
BROOKLYN, NY 11222**

Site 2 of 4 in cluster O

**EDR US Hist Auto Stat 1015512022
N/A**

**Relative:
Lower**

EDR Historical Auto Stations:

**Actual:
15 ft.**

Name: LEONARD STREET AUTO
Year: 1999
Address: 474 LEONARD ST

Name: LEONARD STREET AUTO
Year: 2000
Address: 474 LEONARD ST

Name: LEONARD STREET AUTO
Year: 2001
Address: 474 LEONARD ST

Name: LEONARD STREET AUTO
Year: 2002
Address: 474 LEONARD ST

Name: LEONARD STREET AUTO
Year: 2003
Address: 474 LEONARD ST

Name: 54 STREET AUTOMOTIVE
Year: 2004
Address: 474 LEONARD ST

Name: 54 STREET AUTOMOTIVE
Year: 2005
Address: 474 LEONARD ST

Name: 54 STREET AUTOMOTIVE
Year: 2007
Address: 474 LEONARD ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

O61 474 LEONARD STREET, LLC
NW 474 LEONARD STREET
< 1/8 BROOKLYN, NY 11222
0.111 mi.
584 ft. **Site 3 of 4 in cluster O**

NY UST **U004045580**
N/A

Relative: UST:
Lower Id/Status: 2-609386 / Unregulated
Program Type: PBS
Actual: Region: STATE
15 ft. DEC Region: 2
Expiration Date: N/A
UTM X: 588776.55695
UTM Y: 4508374.086980001

Affiliation Records:
Site Id: 31230
Affiliation Type: Facility Owner
Company Name: 474 LEONARD STREET, LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 96-20 ATLANTIC AVENUE
Address2: Not reported
City: OZONE PARK
State: NY
Zip Code: 11416
Country Code: 001
Phone: (718) 641-1098
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 31230
Affiliation Type: Mail Contact
Company Name: 474 LEONARD STREET LLC
Contact Type: Not reported
Contact Name: ANTHONY GURINO
Address1: 96-20 ATLANTIC AVENUE
Address2: Not reported
City: OZONE PARK
State: NY
Zip Code: 11416
Country Code: 001
Phone: (718) 641-1098
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 31230
Affiliation Type: On-Site Operator
Company Name: 474 LEONARD STREET, LLC
Contact Type: Not reported
Contact Name: ANTHONY GURINO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

474 LEONARD STREET, LLC (Continued)

U004045580

Country Code: 001
Phone: (718) 641-1098
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 31230
Affiliation Type: Emergency Contact
Company Name: 474 LEONARD STREET, LLC
Contact Type: Not reported
Contact Name: ANTHONY GURINO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 641-1098
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 01
Tank ID: 67278
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 11/20/2003
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:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

474 LEONARD STREET, LLC (Continued)

U004045580

Tank Number: 02
Tank ID: 67279
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 11/20/2003
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:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 03
Tank ID: 67280
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 11/20/2003
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:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

474 LEONARD STREET, LLC (Continued)

U004045580

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 04
Tank ID: 67281
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 11/20/2003
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:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 05
Tank ID: 67282
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 11/20/2003
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:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

474 LEONARD STREET, LLC (Continued)

U004045580

J02 - Dispenser - Suction Dispenser
 C00 - Pipe Location - No Piping
 F00 - Pipe External Protection - None
 I00 - Overfill - None
 H00 - Tank Leak Detection - None
 B00 - Tank External Protection - None

N62
ESE
< 1/8
0.111 mi.
586 ft.

LOT 37,TAXBLOCK 2724
417 MEEKER AVENUE
BROOKLYN, NY 11222

NY E DESIGNATION **S108076571**
N/A

Site 3 of 11 in cluster N

Relative:
Higher

E DESIGNATION:

Actual:
17 ft.

Tax Lot(s):	37
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:	499
Census Block:	2012
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:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	54-18 43RD REALTY COR
Lot Area:	000003120
Total Building Floor Area:	00000001500
Commercial Floor Area:	00000001500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000001500
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00001
Number of Floors:	001.00

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 37,TAXBLOCK 2724 (Continued)

S108076571

Residential Units: 00000
 Non and Residential Units: 00001
 Lot Frontage: 0030.42
 Lot Depth: 0104.17
 Building Frontage: 0030.00
 Building Depth: 0050.00
 Proximity Code: 0
 Irregular Lot Code: Y
 Lot Type: 5
 Basement Type Grade: 5
 Land Assessed Value: 00000018225
 Total Assessed Value: 00000085725
 Land Exempt Value: 00000000000
 Total Exempt Value: 00000000000
 Year Built: 2002
 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: 0000.48
 Maximum Allowable Far: 03.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027240037
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0999049
 Y Coordinate: 0201294
 Zoning Map: 13A
 Sanborn Map: 304 027
 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

**N63
 ESE
 < 1/8
 0.111 mi.
 586 ft.**

**LOT 34,TAXBLOCK 2724
 419 MEEKER AVENUE
 BROOKLYN, NY 11222**

**NY E DESIGNATION S108076545
 N/A**

Site 4 of 11 in cluster N

**Relative:
 Higher**

E DESIGNATION:
 Tax Lot(s): 34
 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.

**Actual:
 17 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 34,TAXBLOCK 2724 (Continued)

S108076545

Borough Code: BK
Community District: 301
Census Tract: 499
Census Block: 2012
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: MEEKER RF LLC
Lot Area: 000004995
Total Building Floor Area: 00000003870
Commercial Floor Area: 00000003870
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000003870
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00003
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00002
Lot Frontage: 0050.00
Lot Depth: 0099.92
Building Frontage: 0028.00
Building Depth: 0032.00
Proximity Code: 1
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000024390
Total Assessed Value: 00000057600
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1900
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: 0000.77
Maximum Allowable Far: 03.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 34,TAXBLOCK 2724 (Continued)

S108076545

Borough Code: 3
Borough Tax Block And Lot: 3027240034
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999080
Y Coordinate: 0201320
Zoning Map: 13A
Sanborn Map: 304 027
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

N64
ESE
< 1/8
0.111 mi.
588 ft.

421 MEEKER AVE
BROOKLYN, NY 11222

EDR US Hist Auto Stat 1015486804
N/A

Site 5 of 11 in cluster N

Relative:
Higher

EDR Historical Auto Stations:

Name: AUTO REPAIR INC HARRYS
Year: 2009

Actual:
17 ft.

Address: 421 MEEKER AVE

Name: HARRYS AUTO REPAIR
Year: 2011
Address: 421 MEEKER AVE

Name: HARRYS AUTO REPAIR
Year: 2012
Address: 421 MEEKER AVE

N65
ESE
< 1/8
0.111 mi.
588 ft.

CITY BARREL
421 MEEKER STREET
BROOKLYN, NY 11222

NY HSWDS S108146441
N/A

Site 6 of 11 in cluster N

Relative:
Higher

HSWDS:

Facility ID: Not reported
Region: 2

Actual:
17 ft.

Facility Status: None
Owner Type: Puplic
Owner: Harry Goldstein
Owner Address: 421 Meeker St.
Owner Phone: (212)388-9227
Operator Type: Same
Operator: Unknown
Operator: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY BARREL (Continued)

S108146441

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
Air: Not reported
Building: Not reported
Site Desc: Not reported
Drink: Not reported
Eptox: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CITY BARREL (Continued)

S108146441

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

N66
ESE
< 1/8
0.111 mi.
588 ft.

CITY BARREL
421-429 MEEKER ST
BROOKLYN, NY 11222
Site 7 of 11 in cluster N

CERC-NFRAP **1015735637**
NYD068298835

Relative:
Higher

CERC-NFRAP:
 Site ID: 0201593
 Federal Facility: Not a Federal Facility

Actual:
17 ft.

NPL Status: Not on the NPL
 Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
 Date Started: / /
 Date Completed: 04/25/80
 Priority Level: Not reported

Action: ARCHIVE SITE
 Date Started: / /
 Date Completed: 09/02/87
 Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
 Date Started: / /
 Date Completed: 09/02/87
 Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

N67
ESE
< 1/8
0.111 mi.
588 ft.

CITY BARREL & DRUM CO INC
421 MEEKER AVE
BROOKLYN, NY 11222
Site 8 of 11 in cluster N

RCRA NonGen / NLR **1000439573**
FINDS **NYD068298835**

Relative:
Higher

RCRA NonGen / NLR:
 Date form received by agency: 01/01/2007
 Facility name: CITY BARREL & DRUM CO INC

Actual:
17 ft.

Facility address: 421 MEEKER AVE
 BROOKLYN, NY 11222
 EPA ID: NYD068298835

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY BARREL & DRUM CO INC (Continued)

1000439573

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

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
Facility name: CITY BARREL & DRUM CO INC
Classification: Not a generator, verified

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CITY BARREL & DRUM CO INC (Continued)

1000439573

Date form received by agency: 11/28/1980
 Facility 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

FINDS:

Registry ID: 110004366472

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.

N68
ESE
< 1/8
0.112 mi.
591 ft.

CITY BARREL CO.
421-429 MEEKER STREET
BROOKLYN, NY 11378

NY DEL SHWS S105972440
N/A

Site 9 of 11 in cluster N

Relative:
Higher

DEL SHWS:
 Year: Not reported
 Site Code Id: 224005
 Site Classification: D1
 Region: 2
 Epa Id Number: Not reported
 Site Type - Dump: No
 Site Type - Structure: No
 Site Type - Lagoon: No
 Site Type - Landfill: No
 Site Type - Treat Pond: No
 Site Size (Acres): Acres
 Site Size Comment: Not reported
 Period Assoc/HW Start: Not reported
 Period Assoc/HW End: Not reported
 Lat/Long: 0 0' 0" / 0 0' 0"
 Lat/Long Decimal: 0.00000 / 0.00000
 Lat/Long (dms): 0 0 0 / 0 0 0
 Hazardous Waste Code: Not reported
 Hazard Waste Disposed: Not reported
 Quantity: Not reported
 Air Data Available: No
 SW Std Contravention: No
 GW Std Contravention: No
 Soil Type: Not reported
 Sediment Data Available: No

Actual:
17 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY BARREL CO. (Continued)

S105972440

GW Std Contravention:	No
DW Std Contravention:	No
SW Std Contravention:	No
Air Stand Contraventions:	No
Legal Action Type:	Not reported
State Legal Action:	No
Federal Legal Action:	No
Enforce Status Code:	Not reported
Remedial Act Proposed:	No
Rem Act Under Design:	No
Rem Act In Progress:	No
Rem Act Completed:	No
Remedial Action Type:	Not reported
Soil Type:	Not reported
Depth To Groundwater:	Not reported
Owner Name:	Not reported
Owner Address:	421-429 Meeker Street
Owner City,St,Zip:	Brooklyn 11378
Owner Phone:	Not reported
Owner Contact Name:	Not reported
Owner During Disposal:	Not reported
Owner During Use:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City,St,Zip:	Not reported
Operator Phone:	Not reported
Operator Contact Name:	Not reported
Oper During Disposal:	Not reported
Site Type:	Not reported
HW Disposal Period:	From: To:
Analytical Data Available:	Not reported
Applicable Std Exceeded:	Not reported
Geotech Info:	Not reported
Depth To Groundwater:	Not reported
Status:	Not reported
Nature Of Action:	Not reported
Env Prob Assessment:	Not reported
Site Description:	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.
Confirmed HW:	unknown
Environment Assesment:	None known. No apparent disposal of significant quantities of any hazardous waste.
Health Assesment:	Not reported
Disposal Start Date:	Not reported
Disposal Term Date:	Not reported
Air Violation:	Not reported
Groundwater Violation:	Not reported
Drink Water Violation:	Not reported
Surface Water Violation:	Not reported
Legal New York State:	Not reported
Legal Federal:	Not reported
Legal State:	Not reported
Remedial Action Active:	Not reported
Remedial Action Done:	Not reported
NPL Status:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CITY BARREL CO. (Continued)

S105972440

Count Operator: Not reported
 Count Owner: Not reported
 NYTM X: 0
 NYTM Y: 0
 Co Name: Not reported
 Co Addr: Not reported
 Operator Addr: Not reported
 Operator Addr 2: Not reported
 Operator Addr 3: Not reported
 Operator Addr 4: Not reported
 HWDP From: Not reported
 From To: Not reported
 Assessment of Health: Not reported
 Description: Not reported
 Env Assessment: Not reported
 HW Disposed/Quantity: Not reported
 Assess/Env Prog: Not reported
 Assess/Health Prob: Not reported
 Site Description: Not reported

N69
ESE
< 1/8
0.112 mi.
594 ft.

LOT 31,TAXBLOCK 2724
433 MEEKER AVENUE
BROOKLYN, NY 11222

NY E DESIGNATION **S108076521**
N/A

Site 10 of 11 in cluster N

Relative:
Higher

E DESIGNATION:
 Tax Lot(s): 31
 E-No: E-138
Actual: 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: 499
 Census Block: 2012
 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: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 31,TAXBLOCK 2724 (Continued)

S108076521

Owner Name: ANITA VOLPE SEIDMAN
Lot Area: 000005000
Total Building Floor Area: 00000000970
Commercial Floor Area: 00000000970
Office Floor Area: 00000000000
Retail Floor Area: 00000000970
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: 001.00
Residential Units: 00000
Non and Residential Units: 00001
Lot Frontage: 0050.00
Lot Depth: 0100.00
Building Frontage: 0025.00
Building Depth: 0038.00
Proximity Code: 1
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000028350
Total Assessed Value: 00000041850
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1910
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: 0000.19
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027240031
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0999124
Y Coordinate: 0201355
Zoning Map: 13A
Sanborn Map: 304 027
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

N70
ESE
< 1/8
0.113 mi.
595 ft.

LOT 30,TAXBLOCK 2724
435 MEEKER AVENUE
BROOKLYN, NY 11222
Site 11 of 11 in cluster N

NY E DESIGNATION **S108076508**
N/A

Relative:
Higher

E DESIGNATION:

Actual:
17 ft.

Tax Lot(s):	30
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:	499
Census Block:	2012
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:	B9
Land Use Category:	01
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	VOLPE SEIDMAN, ANITA
Lot Area:	000002500
Total Building Floor Area:	00000001600
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 30,TAXBLOCK 2724 (Continued)

S108076508

Lot Type: 5
 Basement Type Grade: 2
 Land Assessed Value: 00000001488
 Total Assessed Value: 00000009969
 Land Exempt Value: 00000000000
 Total Exempt Value: 00000000000
 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: 0000.64
 Maximum Allowable Far: 03.00
 Borough Code: 3
 Borough Tax Block And Lot: 3027240030
 Condominium Number: 00000
 Census Tract 2: 0499
 X Coordinate: 0999172
 Y Coordinate: 0201354
 Zoning Map: 13A
 Sanborn Map: 304 027
 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

**P71
 SW
 < 1/8
 0.114 mi.
 601 ft.**

**LOT 16,TAXBLOCK 2722
 74 BAYARD STREET
 BROOKLYN, NY 11222
 Site 1 of 4 in cluster P**

**NY E DESIGNATION S108076321
 N/A**

**Relative:
 Lower**

E DESIGNATION:
 Tax Lot(s): 16
 E-No: E-138
Actual:
 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: 1005
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 16,TAXBLOCK 2722 (Continued)

S108076321

Police Precinct: 094
Zone District 1: M1-2/R6A
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/R6A/MX-8
All Components2: Not reported
Split Boundary Indicator: N
Building Class: F4
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: P
Owner Name: RANDAN REALTY LTD
Lot Area: 000002498
Total Building Floor Area: 00000001900
Commercial Floor Area: 00000001900
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000001900
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: 0022.75
Lot Depth: 0100.00
Building Frontage: 0022.75
Building Depth: 0074.00
Proximity Code: 3
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000013950
Total Assessed Value: 00000033210
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: 0000.76
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027220016
Condominium Number: 00000
Census Tract 2: 0515
X Coordinate: 0998357
Y Coordinate: 0201189
Zoning Map: 13A
Sanborn Map: 304 028

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 16,TAXBLOCK 2722 (Continued)

S108076321

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

**72
 NNE
 < 1/8
 0.114 mi.
 602 ft.**

**GREEN POINT CAR WASH, INC.
 (AKA AUTOCLEAN CARWASH, INC.)
 BROOKLYN, NY**

**NY Spills S108763941
 N/A**

**Relative:
 Higher**

SPILLS:

**Actual:
 18 ft.**

Facility ID: 0705867
 DER Facility ID: 335650
 Facility Type: ER
 Site ID: 386271
 DEC Region: 2
 Spill Date: 8/23/2007
 Spill Number/Closed Date: 0705867 / 9/13/2007
 Spill Cause: Unknown
 Spill Class: Not reported
 SWIS: 2401
 Investigator: rvketani
 Referred To: Not reported
 Reported to Dept: 8/23/2007
 CID: 408
 Water Affected: Not reported
 Spill Source: Commercial/Industrial
 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: 8/23/2007
 Spill Record Last Update: 10/16/2007
 Spiller Name: HELEN ESPINOSA
 Spiller Company: GREEN POINT CAR WASH, INC. (AKA AUTOCLEAN CARWASH INC)
 Spiller Address: 103 ENGERT AVE
 Spiller City,St,Zip: BROOKLYN, NY 11222
 Spiller Company: 999
 Contact Name: HELEN ESPINOSA
 Contact Phone: (917) 577-6080
 DEC Memo: 8/23/07 - Raphael Ketani. I called up Sean Donohue of the NYC DEP (718) 595-5000. I asked him about the circumstances regarding the spill. He said that Helen Espinosa (917) 577-6080 had called him saying that there was spilled diesel fuel in her backyard. She told him that it spilled onto the property of the neighboring car wash. However, he didn't have any information regarding how much had spilled.I visited the site shortly after talking to Mr. Donohue. A

GREEN POINT CAR WASH, INC. (Continued)

S108763941

person at the car wash (which fronts on McGinnis Boulevard and exits on Engert Avenue) showed me the spilled oil on the car wash property. I saw an elongated stain of about 2 feet wide by 6 feet long. I could smell oil. She showed me where the oil had come from. This was the backyard of 105 Engert Avenue where a used car dealership stored its cars. I could see several drums through the chain link fence. The car dealership was CDM Auto Sales, Inc., 109 Engert Avenue, Brooklyn, NY, (718) 683-7277. I called up the owner of the dealership, Charles DeMarino. He said that the drums aren't on his property. He said they are soap and other material for the car wash. I told him they were in his backyard. He said that he rented the backyard, but not all the way back. He said that the yard with the cars that are all the way back and the drums are part of the property owned by the same person who owns the apartment building and the property the car wash in on. I knocked on the door of the apartment on the first floor which has access to the backyard. The woman let me through her kitchen and to the backyard. I saw that the drums contained car wash liquids. There was a strong odor of diesel fuel and there was a half full white drum containing some kind of liquid. The ground area around the drums was wet and odorous. I took a number of pictures of the backyard, the staining and the drums. I looked up the owner of the property for the apartment building and the car wash. This is block and lot 2701 and 53. According to NYC Property Tax, 105 and 107 Engert Avenue are owned by the same party, Green Point Real Estate Corp., 86 Monitor Street, Brooklyn, 11222-4751. The car wash is Autoclean Carwash, Inc., and is at 103 Engert Avenue, (718)782-5592. However, this address is only a street address/ mailing address. It does not appear in the property databases. So it's probably really part of 105 Engert. I called up the phone number and Young Yu answered (aka Boung Young). He said that he is the owner of the Green Point Car Wash at 103 Engert Avenue. I told him that 3 drums of material are sitting in the backyard and that they are the property of the car wash as they have the names of car wash liquids on them. He said they are not his and he disavowed any ownership of them strongly. 8/24/07 - Raphael Ketani. I sent a CSL to both Green Point Real Estate and the Green Point Car Wash. 8/27/07 - Raphael Ketani. Emory, a worker at the car wash, called to say that the staining on the car wash property has been cleaned up. She said that the drums are owned by a Polish gentleman who speaks very little English. She said she explained to this person that the drums have to be removed by a licensed hauler. He told her he will get them cleaned up. I told her I needed receipts that the oil has been cleaned up. Walter, the owner of the drums, called me up to say that the remediation company is coming at 12 noon to pick up the drums and clean the area. I told him to send me a copy of the receipt for the work that is done. He said he will mail me a copy. 8/29/07 - Raphael Ketani. Walter called today to say that the drums were picked up yesterday and the area was cleaned up. He said that DEC should be getting the paperwork very soon. 9/17/07 - Raphael Ketani. On 9/13/07 I received a cover letter with manifest from Feliks & Son Storage Tank Co. for the cleanup of the oil spill. The cover letter stated that 7 gals. of oil had spilled and that four drums of spent absorbent were disposed of. Based upon the cover letter and manifest from Feliks and the small size and very small areal extent of the spill, I am closing the spill case. 10/15/07 - Raphael Ketani. Today I received a letter from Helen Spinosa stating that the owner of the drums is the tenant in apartment 4R(C?), Walter Markowski. She also stated that he was the owner of the drums and he

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GREEN POINT CAR WASH, INC. (Continued)

S108763941

Remarks: proceeded to have them removed.
 MATERIAL SEEMS TO BE LEAKING FROM CAR WASH;

Material:
 Site ID: 386271
 Operable Unit ID: 1143510
 Operable Unit: 01
 Material ID: 2133789
 Material Code: 0008
 Material Name: Diesel
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 2
 Units: Gallons
 Recovered: No
 Resource Affected: Not reported
 Oxygenate: False

Tank Test:

Q73
South
< 1/8
0.116 mi.
611 ft.

LOT 37,TAXBLOCK 2723
111 RICHARDSON STREET
BROOKLYN, NY 11211

NY E DESIGNATION

S108076570
N/A

Site 1 of 5 in cluster Q

Relative:
Lower

E DESIGNATION:
 Tax Lot(s): 37
 E-No: E-138
 Effective Date: 5/11/2005
 Satisfaction Date: Not reported
 Ceqr Number: 04DCP003K
 Ulrup 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: 499
 Census Block: 2013
 School District: 14
 City Council District: 33
 Fire Company: E229
 Health Area: 30
 Police Precinct: 094
 Zone District 1: M1-2/R6A
 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/R6A/MX-8
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: C2
 Land Use Category: 02
 Number of Easements: 0

Actual:
15 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 37,TAXBLOCK 2723 (Continued)

S108076570

Owner, Type of Code: Not reported
Owner Name: LIKA ISMAIL
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: 00006
Non and Residential Units: 00006
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: 00000010693
Total Assessed Value: 00000032383
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1928
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: 0001.35
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027230037
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998821
Y Coordinate: 0201119
Zoning Map: 13A
Sanborn Map: 304 027
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R74
SSW
< 1/8
0.116 mi.
613 ft.

D L BRENNER & SONS INC
407 LEONARD ST
BROOKLYN, NY 11222
Site 1 of 7 in cluster R

NY UST U000400141
NY HIST UST N/A
NY MANIFEST
NY Spills

Relative:
Lower

UST:
Id/Status: 2-257958 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 588845.29121000005
UTM Y: 4508038.4624800002

Actual:
15 ft.

Affiliation Records:
Site Id: 10661
Affiliation Type: Facility Owner
Company Name: D L BRENNER REALTY
Contact Type: Not reported
Contact Name: Not reported
Address1: 508 BRIARWOOD CIRCLE
Address2: Not reported
City: HOLLYWOOD
State: FL
Zip Code: 33024
Country Code: 001
Phone: (305) 981-0568
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 10661
Affiliation Type: Mail Contact
Company Name: PATRICK J. FITZGERALD
Contact Type: Not reported
Contact Name: Not reported
Address1: P.O BOX 48
Address2: 13711 JACKSON ST RD
City: WOODSTOCK
State: IL
Zip Code: 60098
Country Code: 001
Phone: (305) 981-0568
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 10661
Affiliation Type: On-Site Operator
Company Name: D L BRENNER & SONS INC
Contact Type: Not reported
Contact Name: D L BRENNER & SONS INC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D L BRENNER & SONS INC (Continued)

U000400141

Country Code: 001
Phone: (718) 387-8785
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 10661
Affiliation Type: Emergency Contact
Company Name: D L BRENNER REALTY
Contact Type: Not reported
Contact Name: A BRENNER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 387-8785
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 13244
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/01/1990
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
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: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D L BRENNER & SONS INC (Continued)

U000400141

Tank Number: 002
Tank ID: 13245
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/01/1990
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
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: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Tank Number: 003
Tank ID: 13246
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/01/1990
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
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D L BRENNER & SONS INC (Continued)

U000400141

F00 - Pipe External Protection - None
I00 - Overfill - None

Tank Number: 004
Tank ID: 13247
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/01/1990
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
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Tank Number: 005
Tank ID: 13248
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/01/1990
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
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

D L BRENNER & SONS INC (Continued)

U000400141

J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

HIST UST:

PBS Number: 2-257958
SPDES Number: Not reported
Emergency Contact: A BRENNER
Emergency Telephone: (718) 387-8785
Operator: D L BRENNER & SONS INC
Operator Telephone: (718) 387-8785
Owner Name: D L BRENNER REALTY
Owner Address: 508 BRIARWOOD CIRCLE
Owner City,St,Zip: HOLLYWOOD, FL 33024
Owner Telephone: (305) 981-0568
Owner Type: Not reported
Owner Subtype: Not reported
Mailing Name: PATRICK J. FITZGERALD
Mailing Address: P.O BOX 48
Mailing Address 2: 13711 JACKSON ST RD
Mailing City,St,Zip: WOODSTOCK, IL 60098
Mailing Contact: Not reported
Mailing Telephone: (305) 981-0568
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: 407 LEONARD ST
SWIS ID: 6101
Old PBS Number: Not reported
Facility Type: Not reported
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 08/24/1987
Expiration Date: 08/24/1992
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: Minor Data Missing
Owner Screen: Minor Data Missing
Tank Screen: 0
Dead Letter: True
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: Closed-Removed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D L BRENNER & SONS INC (Continued)

U000400141

Install Date: Not reported
Capacity (gals): 550
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/01/1990
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/01/1990
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D L BRENNER & SONS INC (Continued)

U000400141

Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/01/1990
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/01/1990
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 005
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNKNOWN
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

D L BRENNER & SONS INC (Continued)

U000400141

Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/01/1990
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

NY MANIFEST:

EPA ID: NYD986929677
Country: USA
Mailing Name: GRAF AIR
Mailing Contact: GRAF AIR
Mailing Address: PO BOX 48
Mailing Address 2: Not reported
Mailing City: WOODSTOCK
Mailing State: IL
Mailing Zip: 60098
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 815-338-3120

NY MANIFEST:

No Manifest Records Available

SPILLS:

Facility ID: 0130048
DER Facility ID: 117309
Facility Type: ER
Site ID: 137120
DEC Region: 2
Spill Date: 11/15/2001
Spill Number/Closed Date: 0130048 / 2/18/2005
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
SWIS: 2401
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 2/5/2002
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: DEC
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D L BRENNER & SONS INC (Continued)

U000400141

Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2/5/2002
Spill Record Last Update: 2/18/2005
Spiller Name: PATRICK FITZGERALD
Spiller Company: Not reported
Spiller Address: 13711 JACKSON STREET RD
Spiller City,St,Zip: WOODSTOCK, IL 60098-3142
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 "KRIMGOLD" See file Eng. CO. 229 @ 75 Richardson Ave.09/10/03. J.Krimgold spoke over the phone with Iradg Youssefinia from NY Petroleum, Inc. @ 251 Post Ave., Westbury, NY 11590 (516) 338-0626. He is a consultant/contractor preparing proposal to investigate this site for Mr. Morris Borenbaum (new owner?). He will submit an investigation plan for the Departmental review.6/16/2004 Attorney for new owner called to ask what needed to be done to close out the case. Sangesland told him to ask Krimgold. Attorney said he has a report from Dr. Yousefinia showing clean water and soil samples. Sangesland told him to mail in a copy of the report to Krimgold for review.8/2/04. J.Krimgold has reviewed the Phase II report submitted by NY Petroleum and Drilling Co. and dated 06/10/04. The report was not approved and a letter requesting to make corrections and resubmit the report has been sent to Mr. Borenbaum and Mr. I Youssefnia.11/01/04. J.Krimgold has reviewed a corrected report dated 09/16/04. The report still cannot be approved due to the lack of information (Phase I is missing). J.Krimgold requested an on-site meeting with a consultant.12/03/04. J.Krimgold met with Mr. I. Youssefnia at the site and mapped locations of additional soil borings.See also 0409303. Rommel2/18/05. J.Krimgold reviewed the Ground Water Investigation report submitted on January 13, 2005 by NY Petroleum and Drilling Corp. Based on the findings of this and previous reports no contamination was found at this property. NFA letter.
Remarks: NYSDEC has performed a subsurface investigation on adjacent property Spill # 9703488 @ 75 Richardson Ave. and determined that the motor fuel storage systems located on this property might have been a source of contamination.

Material:
Site ID: 137120
Operable Unit ID: 851685
Operable Unit: 01
Material ID: 526740
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
Site ID: 137120
Operable Unit ID: 851685

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D L BRENNER & SONS INC (Continued)

U000400141

Operable Unit: 01
Material ID: 526741
Material Code: 0012A
Material Name: Kerosene
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

R75
SSW
< 1/8
0.116 mi.
613 ft.

GRAF AIR PROPERTY
407 LEONARD ST
BROOKLYN, NY
Site 2 of 7 in cluster R

RCRA NonGen / NLR **1000457706**
FINDS **NYD986929677**

Relative:
Lower

RCRA NonGen / NLR:

Actual:
15 ft.

Date form received by agency: 01/01/2007
Facility name: GRAF AIR PROPERTY
Facility address: 407 LEONARD ST
BROOKLYN, NY 11222
EPA ID: NYD986929677
Mailing address: PO BOX 48
WOODSTOCK, NY 60098
Contact: PAT FITZGERALD
Contact address: PO BOX 48
WOODSTOCK, NY 60098
Contact country: US
Contact telephone: (815) 338-3120
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: GRAF AIR PROPERTY
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: GRAF AIR PROPERTY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAF AIR PROPERTY (Continued)

1000457706

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
Facility name: GRAF AIR PROPERTY
Classification: Not a generator, verified

Date form received by agency: 11/02/1990
Facility name: GRAF AIR PROPERTY
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/30/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 08/14/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110004455447

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.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

Q76
South
< 1/8
0.117 mi.
620 ft.

LOT 36,TAXBLOCK 2723
113 RICHARDSON STREET
BROOKLYN, NY 11211

NY E DESIGNATION **S108076563**
N/A

Site 2 of 5 in cluster Q

Relative:
Lower

E DESIGNATION:

Actual:
15 ft.

Tax Lot(s):	36
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:	Air Quality - Operable Window Limitations
Borough Code:	BK
Community District:	301
Census Tract:	499
Census Block:	2013
School District:	14
City Council District:	33
Fire Company:	E229
Health Area:	30
Police Precinct:	094
Zone District 1:	M1-2/R6A
Zone District 2:	M1-2/R6
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	MX-8
Special Purpose District2:	Not reported
All Components1:	M1-2/R6A/MX-8
All Components2:	M1-2/R6
Split Boundary Indicator:	Y
Building Class:	E9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	MARIANI, RONALD
Lot Area:	000002500
Total Building Floor Area:	00000001575
Commercial Floor Area:	00000001575
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000001575
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:	0025.00
Building Depth:	0053.00
Proximity Code:	3
Irregular Lot Code:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 36,TAXBLOCK 2723 (Continued)

S108076563

Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000013950
Total Assessed Value: 00000031770
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1910
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: 0000.63
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027230036
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998840
Y Coordinate: 0201151
Zoning Map: 13A
Sanborn Map: 304 027
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

Tax Lot(s): 36
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: 499
Census Block: 2013
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: M1-2/R6A
Zone District 2: M1-2/R6
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: MX-8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 36,TAXBLOCK 2723 (Continued)

S108076563

Special Purpose District2: Not reported
All Components1: M1-2/R6A/MX-8
All Components2: M1-2/R6
Split Boundary Indicator: Y
Building Class: E9
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: MARIANI, RONALD
Lot Area: 000002500
Total Building Floor Area: 00000001575
Commercial Floor Area: 00000001575
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000001575
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: 0025.00
Building Depth: 0053.00
Proximity Code: 3
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000013950
Total Assessed Value: 00000031770
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1910
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: 0000.63
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027230036
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998840
Y Coordinate: 0201151
Zoning Map: 13A
Sanborn Map: 304 027
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 36,TAXBLOCK 2723 (Continued)

S108076563

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

**R77
SSW
< 1/8
0.117 mi.
620 ft.**

**COMMERCIAL LOT
407 LEONARD STREET/BAYARD
BROOKLYN, NY**

**NY Spills S106720701
N/A**

Site 3 of 7 in cluster R

**Relative:
Lower**

SPILLS:

**Actual:
15 ft.**

Facility ID: 0409303
DER Facility ID: 269149
Facility Type: ER
Site ID: 333923
DEC Region: 2
Spill Date: 11/19/2004
Spill Number/Closed Date: 0409303 / 11/19/2004
Spill Cause: Other
Spill Class: No spill occurred. No DEC Response. No corrective action required.
SWIS: 2401
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 11/19/2004
CID: 444
Water Affected: Not reported
Spill Source: Commercial/Industrial
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: 11/19/2004
Spill Record Last Update: 9/30/2005
Spiller Name: ANNY
Spiller Company: COMMERCIAL LOT
Spiller Address: LEANOARD STREET/BAYYARD
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: ANNY
Contact Phone: Not reported
DEC Memo: 11/19/2004. Same site as in spill # 0130048.
Remarks: CALLER STATES THAT EXCAVATION IS GOING ON AT THIS SITE AND THE ODORS ARE HORRIBLE, WOUL DLIKE SOMEONE TO CHECK OUIT: TRACKING DOWN THE ROAD ALSO;

Material:

Tank Test:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

P78
SW
< 1/8
0.118 mi.
621 ft.

LOT 13,TAXBLOCK 2722
72 BAYARD STREET
BROOKLYN, NY 11222

NY E DESIGNATION

S108076265
N/A

Site 2 of 4 in cluster P

Relative:
Lower

E DESIGNATION:

Actual:
14 ft.

Tax Lot(s):	13
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:	1005
School District:	14
City Council District:	33
Fire Company:	E229
Health Area:	30
Police Precinct:	094
Zone District 1:	M1-2/R6A
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/R6A/MX-8
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:	CREST BODY EQUIP CORP
Lot Area:	000010000
Total Building Floor Area:	00000010000
Commercial Floor Area:	00000010000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000005000
Factory Floor Area:	00000005000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00002
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0050.00
Lot Depth:	0200.00
Building Frontage:	0050.00
Building Depth:	0200.00
Proximity Code:	3
Irregular Lot Code:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 13,TAXBLOCK 2722 (Continued)

S108076265

Lot Type: 4
Basement Type Grade: 5
Land Assessed Value: 0000049050
Total Assessed Value: 00000101250
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: 0001.00
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027220013
Condominium Number: 00000
Census Tract 2: 0515
X Coordinate: 0998334
Y Coordinate: 0201076
Zoning Map: 13A
Sanborn Map: 304 028
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

Q79
South
< 1/8
0.120 mi.
631 ft.

ISRAEL M DOLGIN ASSOC
101 RICHARDSON STREET
BROOKLYN, NY 11211
Site 3 of 5 in cluster Q

NY UST U004047204
N/A

Relative:
Lower

UST:
Id/Status: 2-090301 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 588884.20463000005
UTM Y: 4508021.8926600004

Actual:
15 ft.

Affiliation Records:
Site Id: 2192
Affiliation Type: Facility Owner
Company Name: ISRAEL M.DOLGIN ASSOCIATES
Contact Type: VP
Contact Name: NEIL DOLGIN
Address1: 101 RICHARDSON ST
Address2: Not reported
City: BROOKLYN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ISRAEL M DOLGIN ASSOC (Continued)

U004047204

State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-7700
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 5/12/2005

Site Id: 2192
Affiliation Type: Mail Contact
Company Name: ISRAEL M. GOLGIN ASSOC.
Contact Type: Not reported
Contact Name: NEIL DOLGIN
Address1: 101 RICHARDSON STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-7700
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 5/12/2005

Site Id: 2192
Affiliation Type: On-Site Operator
Company Name: ISRAEL M DOLGIN ASSOC
Contact Type: Not reported
Contact Name: PATRICK CORZIE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 388-7700
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 5/12/2005

Site Id: 2192
Affiliation Type: Emergency Contact
Company Name: ISRAEL M DOLGIN ASSOCIATES
Contact Type: Not reported
Contact Name: NEIL A DOLGIN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 388-7700
EMail: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ISRAEL M DOLGIN ASSOC (Continued)

U004047204

Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 3470
Tank Status: Closed - In Place
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 09/30/1988
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: NRLOMBAR
Last Modified: 05/12/2005

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
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

Q80
South
< 1/8
0.120 mi.
631 ft.

LOT 38,TAXBLOCK 2723
101 RICHARDSON STREET
BROOKLYN, NY 11211

NY E DESIGNATION S108076578
N/A

Site 4 of 5 in cluster Q

Relative:
Lower

E DESIGNATION:
Tax Lot(s): 38
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: 499
Census Block: 2013
School District: 14
City Council District: 33

Actual:
15 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 38,TAXBLOCK 2723 (Continued)

S108076578

Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: M1-2/R6A
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/R6A/MX-8
All Components2: Not reported
Split Boundary Indicator: N
Building Class: F4
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: ISRAEL M DOLGIN ASSOC
Lot Area: 000015000
Total Building Floor Area: 00000014700
Commercial Floor Area: 00000014700
Office Floor Area: 00000004000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000010700
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00003
Number of Floors: 002.00
Residential Units: 00000
Non and Residential Units: 00004
Lot Frontage: 0150.00
Lot Depth: 0100.00
Building Frontage: 0040.00
Building Depth: 0100.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000074250
Total Assessed Value: 00000160650
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: 0000.98
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027230038
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998733
Y Coordinate: 0201137

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 38,TAXBLOCK 2723 (Continued)

S108076578

Zoning Map: 13A
 Sanborn Map: 304 027
 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

Q81
SSW
< 1/8
0.123 mi.
650 ft.

LOT 10,TAXBLOCK 2733
100 RICHARDSON STREET
BROOKLYN, NY 11211

NY E DESIGNATION S108076205
N/A

Site 5 of 5 in cluster Q

Relative:
Lower

E DESIGNATION:
 Tax Lot(s): 10
 E-No: E-138
Actual: 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

15 ft.

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: 1007
 School District: 14
 City Council District: 34
 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: Z9
 Land Use Category: Not reported
 Number of Easements: 0
 Owner, Type of Code: Not reported
 Owner Name: ROMANSKY, WALTER
 Lot Area: 000002823
 Total Building Floor Area: 0000000000
 Commercial Floor Area: 0000000000
 Office Floor Area: 0000000000
 Retail Floor Area: 0000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 10,TAXBLOCK 2733 (Continued)

S108076205

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: 00000
Number of Floors: 000.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0046.75
Lot Depth: 0075.42
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: 00000023850
Total Assessed Value: 00000113850
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: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3027330010
Condominium Number: 00000
Census Tract 2: 0515
X Coordinate: 0998704
Y Coordinate: 0200989
Zoning Map: 13A
Sanborn Map: 304 027
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

O82
NNW
< 1/8
0.124 mi.
654 ft.

LOT 5,TAXBLOCK 2698
482 LEONARD STREET
BROOKLYN, NY 11222
Site 4 of 4 in cluster O

NY E DESIGNATION **S108076653**
N/A

Relative:
Lower

E DESIGNATION:

Actual:
15 ft.

Tax Lot(s):	5
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:	499
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E229
Health Area:	30
Police Precinct:	094
Zone District 1:	M1-2/R6A
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/R6A/MX-8
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	Z9
Land Use Category:	Not reported
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	ALDONA STAMPER
Lot Area:	000005000
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 Code7	
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 5, TAXBLOCK 2698 (Continued)

S108076653

Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000031500
Total Assessed Value: 00000033300
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: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3026980005
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998478
Y Coordinate: 0202201
Zoning Map: 13A
Sanborn Map: 304 039
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

S83 **CARTER SPRAY FINISHING**
North **65 ECKFORD ST**
1/8-1/4 **BROOKLYN, NY 11222**
0.128 mi.
674 ft. **Site 1 of 4 in cluster S**

Relative:
Higher

Actual:
17 ft.

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: CARTER SPRAY FINISHING CORP
Facility address: 65 ECKFORD ST
BROOKLYN, NY 11222
EPA ID: NYD001547397
Mailing address: ECKFORD ST
BROOKLYN, NY 11222
Contact: Not reported
Contact address: ECKFORD ST
BROOKLYN, NY 11222
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02

RCRA-CESQG **1000400665**
TRIS **11222CRTRS65**
FTTS
HIST FTTS
NY CBS AST
NY MANIFEST
NY CBS
US AIRS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

Land type: Facility is not located on Indian land. Additional information is not known.
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: RETRAC REALTY DAVID CARTER PRES
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: RETRAC REALTY DAVID CARTER PRES
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: CARTER SPRAY FINISHING CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/28/1995
Facility name: CARTER SPRAY FINISHING CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/18/1980
Facility name: CARTER SPRAY FINISHING CORP
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/30/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 07/09/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 01/28/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

TRIS:

[Click this hyperlink](#) while viewing on your computer to access
1 additional US_TRIS: record(s) in the EDR Site Report.

FTTS:

Case Number: Not reported
Docket Number: EPCRA-92-0224
Complaint Issue Date: 03/16/92
Abatement Amount: 0.0000
Proposed Penalty: 35000.0000
Final Assessment: 6000.0000
Final Order Date: 06/09/92
Close Date: / /
Violations(s): EPCRA, Nonreporting/Failure to RPT to EPA

FTTS INSP:

Inspection Number: 199109131088 1
Region: 02
Inspection Date: 09/13/91
Inspector: K. DONNELLY, AL
Violation occurred: Yes
Investigation Type: EPCRA, Enforcement, Federal Conducted

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Manufacturer

HIST FTTS:

Case Number: Not reported
Docket Number: EPCRA-92-0224
Complaint Issue Date: 03/16/1992
Abatement Amount: 0.0000
Proposed Penalty: 35000.0000
Final Assessment: 6000.0000
Final Order Date: 06/09/1992
Close Date: / /
Violations(s): EPCRA, Nonreporting/Failure to RPT to EPA

HIST FTTS INSP:

Inspection Number: 199109131088 1
Region: 02
Inspection Date: Not reported
Inspector: K. DONNELLY, AL
Violation occurred: Yes
Investigation Type: EPCRA, Enforcement, Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Manufacturer

CBS AST:

CBS Number: 2-000005
ICS Number: 2-125096
PBS Number: Not reported
MOSF Number: Not reported
SPDES Number: Not reported
Facility Status: ACTIVE FACILITY
Facility Type: MANUFACTURING
Telephone: (718) 782-5332
Facility Town: NEW YORK CITY
Region: STATE
Expiration Date: 02/03/1999
Total Capacity of All Active Tanks(gal): 0
Operator: LAWRENCE CARTER
Emergency Contact: LAWRENCE CARTER
Emergency Phone: (718) 782-5332
Owner Name: CARTER SPRAY FINISHING CORP.
Owner Address: 65 ECKFORD ST.
Owner City,St,Zip: BROOKLYN, NY 11222
Owner Telephone: (718) 782-5332
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Mail Name: CARTER SPRAY FINISHING CORP.
Mail Contact Addr: 65 ECKFORD ST.
Mail Contact Addr2: Not reported
Mail Contact Contact: LARRY CARTER
Mail Contact City,St,Zip: BROOKLYN, NY 11222
Mail Phone: (718) 782-5332

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

Tank Id: 00001
CAS Number: 79016
Federal ID: Not reported
Tank Status: 0
Install Date: 01/68
Tank Closed: 09/98
Capacity (Gal): 275
Chemical: Trichloroethene
Tank Location: ABOVEGROUND
Tank Type: Steel/carbon steel
Total Tanks: 0
Tank Secret: False
Tank Containment: None
Tank Error Status: No Missing Data
Date Entered: 02/03/1989
Certified Date: 04/16/1997
Substance: Single Hazardous Substance on DEC List
Internal Protection: None
External Protection: Painted/Asphalt Coating
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 1
Pipe Containment: None
Pipe Flag: None
Leak Detection: None
Overfill Protection: High Level Alarm
Haz Percent: 100
Last Test: Not reported
Due Date: Not reported
SWIS Code: 6101
Lat/Long: 40|72|15 / 73|94|82
Is Updated: False
Renew Date: 11/02/92
Is It There: False
Delinquent: False
Date Expired: 02/03/95
Owner Mark: 1
Certificate Needs to be Printed: 40|72|15 / 73|94|82
Fiscal Amt for Registration Fee Correct: 40|72|15 / 73|94|82
Renewal Has Been Printed for Facility: 40|72|15 / 73|94|82
Pre-Printed Renewal App Last Printed: 40|72|15 / 73|94|82

Tank Id: 00002
CAS Number: 79016
Federal ID: Not reported
Tank Status: 0
Install Date: 01/59
Tank Closed: 09/98
Capacity (Gal): 275
Chemical: Trichloroethene
Tank Location: ABOVEGROUND
Tank Type: Steel/carbon steel
Total Tanks: 0
Tank Secret: False
Tank Containment: None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

Tank Error Status: No Missing Data
Date Entered: 02/03/1989
Certified Date: 04/16/1997
Substance: Single Hazardous Substance on DEC List
Internal Protection: None
External Protection: Painted/Asphalt Coating
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 1
Pipe Containment: None
Pipe Flag: None
Leak Detection: None
Overfill Protection: High Level Alarm
Haz Percent: 100
Last Test: Not reported
Due Date: Not reported
SWIS Code: 6101
Lat/Long: 40|72|15 / 73|94|82
Is Updated: False
Renew Date: 11/02/92
Is It There: False
Delinquent: False
Date Expired: 02/03/95
Owner Mark: 1
Certificate Needs to be Printed: 40|72|15 / 73|94|82
Fiscal Amt for Registration Fee Correct: 40|72|15 / 73|94|82
Renewal Has Been Printed for Facility: 40|72|15 / 73|94|82
Pre-Printed Renewal App Last Printed: 40|72|15 / 73|94|82

NY MANIFEST:

EPA ID: NYD001547397
Country: USA
Mailing Name: CARTER SPRAY
Mailing Contact: CARTER SPRAY
Mailing Address: 65 ECFORD STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11222
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-782-5332

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD082785429
Trans2 State ID: Not reported
Generator Ship Date: 2008-05-12
Trans1 Recv Date: 2008-05-12
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-05-12
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD001547397
Trans1 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

Trans2 EPA ID: Not reported
TSD ID: NYD082785429
Waste Code: Not reported
Quantity: 55.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 001500116FLE
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: PAB5049225
Manifest Status: Completed copy
Trans1 State ID: PA-AH0278
Trans2 State ID: Not reported
Generator Ship Date: 890322
Trans1 Recv Date: 890322
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890322
Part A Recv Date: 890413
Part B Recv Date: 890406
Generator EPA ID: NYD001547397
Trans1 EPA ID: NJD000813477
Trans2 EPA ID: Not reported
TSD ID: PAD098732118
Waste Code: F005 - UNKNOWN
Quantity: 00275
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 89

Document ID: NYA6404571
Manifest Status: Completed copy
Trans1 State ID: PLATE#
Trans2 State ID: 57745GB
Generator Ship Date: 870803
Trans1 Recv Date: 870803
Trans2 Recv Date: Not reported
TSD Site Recv Date: 870803
Part A Recv Date: 870810

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

Part B Recv Date: 870818
Generator EPA ID: NYD001547397
Trans1 EPA ID: NYD000824334
Trans2 EPA ID: Not reported
TSD ID: NYD000824334
Waste Code: F003 - UNKNOWN
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 87

Document ID: NYA7797114
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 880823
Trans1 Recv Date: 880823
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880823
Part A Recv Date: 880902
Part B Recv Date: 880916
Generator EPA ID: NYD001547397
Trans1 EPA ID: NYD000824334
Trans2 EPA ID: Not reported
TSD ID: NYD000824334
Waste Code: F005 - UNKNOWN
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88

Document ID: NYB5008581
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: IA7667
Trans2 State ID: Not reported
Generator Ship Date: 920925
Trans1 Recv Date: 920925
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920930
Part A Recv Date: Not reported
Part B Recv Date: 921028
Generator EPA ID: NYD001547397
Trans1 EPA ID: NYD057722258
Trans2 EPA ID: Not reported
TSD ID: NYD057722258
Waste Code: F001 - UNKNOWN
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

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: NYB6653862
Manifest Status: Not reported
Trans1 State ID: NYD057722258
Trans2 State ID: Not reported
Generator Ship Date: 07/30/1998
Trans1 Recv Date: 07/30/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/30/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD001547397
Trans1 EPA ID: NYD057722258
Trans2 EPA ID: Not reported
TSD ID: T71A1
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: 01.22
Year: 98

Document ID: NYB7968186
Manifest Status: Not reported
Trans1 State ID: NYD057722258
Trans2 State ID: Not reported
Generator Ship Date: 01/10/1998
Trans1 Recv Date: 01/12/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/16/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD001547397
Trans1 EPA ID: NYD057722258
Trans2 EPA ID: Not reported
TSD ID: 13741E
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: 01.21
Year: 98

Document ID: NYA7797618
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: 000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

Trans2 State ID: 000000000
Generator Ship Date: 880928
Trans1 Recv Date: 880928
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880928
Part A Recv Date: 881107
Part B Recv Date: 881017
Generator EPA ID: NYD001547397
Trans1 EPA ID: NYD000824334
Trans2 EPA ID: Not reported
TSD ID: NYD000824334
Waste Code: F005 - UNKNOWN
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88

Document ID: NYH0400302
Manifest Status: Not reported
Trans1 State ID: 23138PA
Trans2 State ID: Not reported
Generator Ship Date: 03/22/2004
Trans1 Recv Date: 03/22/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/22/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD001547397
Trans1 EPA ID: NYD082785429
Trans2 EPA ID: Not reported
TSD ID: NYD082785
Waste Code: F001 - UNKNOWN
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2004

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD082785429
Trans2 State ID: PAD982661381
Generator Ship Date: 2012-04-05
Trans1 Recv Date: 2012-04-05
Trans2 Recv Date: 2012-04-06
TSD Site Recv Date: 2012-04-09
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD001547397
Trans1 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

Trans2 EPA ID: Not reported
TSD ID: RID040098352
Waste Code: Not reported
Quantity: 55.0
Units: G - Gallons (liquids only)* (8.3 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: 005155828FLE
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: NYA6403347
Manifest Status: Completed copy
Trans1 State ID: PLATE#
Trans2 State ID: 57745GB
Generator Ship Date: 880205
Trans1 Recv Date: 880205
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880205
Part A Recv Date: 880211
Part B Recv Date: 880224
Generator EPA ID: NYD001547397
Trans1 EPA ID: NYD000824334
Trans2 EPA ID: Not reported
TSD ID: NYD000824334
Waste Code: F003 - UNKNOWN
Quantity: 00165
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88

Document ID: NYB7967646
Manifest Status: Completed copy
Trans1 State ID: 1374EE
Trans2 State ID: Not reported
Generator Ship Date: 960729
Trans1 Recv Date: 960729
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960729
Part A Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

Part B Recv Date: 960815
Generator EPA ID: NYD001547397
Trans1 EPA ID: NYD057722258
Trans2 EPA ID: Not reported
TSD ID: NYD057722258
Waste Code: F001 - UNKNOWN
Quantity: 00107
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: 118
Year: 96

Document ID: NYA6458247
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: PLATE#
Trans2 State ID: MY7783
Generator Ship Date: 880527
Trans1 Recv Date: 880527
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880527
Part A Recv Date: 880718
Part B Recv Date: 880613
Generator EPA ID: NYD001547397
Trans1 EPA ID: NYD000824334
Trans2 EPA ID: Not reported
TSD ID: NYD000824334
Waste Code: F005 - UNKNOWN
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 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: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88

Document ID: NYA7052301
Manifest Status: Completed copy
Trans1 State ID: 13744E
Trans2 State ID: Not reported
Generator Ship Date: 941027
Trans1 Recv Date: 941027
Trans2 Recv Date: Not reported
TSD Site Recv Date: 941027
Part A Recv Date: Not reported
Part B Recv Date: 941114
Generator EPA ID: NYD001547397

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

Trans1 EPA ID: NYD057722258
Trans2 EPA ID: Not reported
TSDF ID: NYD057722258
Waste Code: F001 - UNKNOWN
Quantity: 00104
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: 149
Year: 94

Document ID: NYB7969914
Manifest Status: Completed copy
Trans1 State ID: 1374EE
Trans2 State ID: Not reported
Generator Ship Date: 960104
Trans1 Recv Date: 960104
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960104
Part A Recv Date: Not reported
Part B Recv Date: 960125
Generator EPA ID: NYD001547397
Trans1 EPA ID: NYD057722258
Trans2 EPA ID: Not reported
TSDF ID: NYD057722258
Waste Code: F001 - UNKNOWN
Quantity: 00052
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: 122
Year: 96

Document ID: NYB8579646
Manifest Status: Not reported
Trans1 State ID: NYD057722258
Trans2 State ID: Not reported
Generator Ship Date: 01/13/1999
Trans1 Recv Date: 01/13/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/13/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD001547397
Trans1 EPA ID: NYD057722258
Trans2 EPA ID: Not reported
TSDF ID: 13741F
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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

Specific Gravity: 01.00
Year: 99

Document ID: NYB8579736
Manifest Status: Not reported
Trans1 State ID: NYD057722258
Trans2 State ID: Not reported
Generator Ship Date: 06/24/1999
Trans1 Recv Date: 06/24/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/24/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD001547397
Trans1 EPA ID: NYD057722258
Trans2 EPA ID: Not reported
TSD ID: 13734F
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: 01.21
Year: 99

Document ID: NYB4007583
Manifest Status: Completed copy
Trans1 State ID: IA7667
Trans2 State ID: Not reported
Generator Ship Date: 930415
Trans1 Recv Date: 930415
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930415
Part A Recv Date: Not reported
Part B Recv Date: 930430
Generator EPA ID: NYD001547397
Trans1 EPA ID: NYD057722258
Trans2 EPA ID: Not reported
TSD ID: NYD057722258
Waste Code: F001 - UNKNOWN
Quantity: 00052
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: 121
Year: 93

Document ID: NYB4008753
Manifest Status: Completed copy
Trans1 State ID: IA7667
Trans2 State ID: Not reported
Generator Ship Date: 930628

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

Trans1 Recv Date: 930628
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930629
Part A Recv Date: Not reported
Part B Recv Date: 930720
Generator EPA ID: NYD001547397
Trans1 EPA ID: NYD057722258
Trans2 EPA ID: Not reported
TSD 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: 121
Year: 93

Document ID: NYH0530829
Manifest Status: Not reported
Trans1 State ID: NYD082785429
Trans2 State ID: Not reported
Generator Ship Date: 06/27/2005
Trans1 Recv Date: 06/27/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/27/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD001547397
Trans1 EPA ID: 62096PA
Trans2 EPA ID: Not reported
TSD ID: NYD082785429
Waste Code: F001 - UNKNOWN
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: Not reported

[Click this hyperlink](#) while viewing on your computer to access 19 additional NY_MANIFEST: record(s) in the EDR Site Report.

CBS:
CBS Number: 2-000005
Program Type: CBS
Facility Status: Unregulated
Expiration Date: N/A
Dec Region: 2
UTMX: 588836.16191999
UTMY: 4508430.2778099

AIRS (AFS):

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

Compliance and Violation Data Major Sources:

EPA plant ID: 110000323365
Plant name: CARTER SPRAY FINISHING
Plant address: 65 ECKFORD ST
BROOKLYN, NY 11222
County: KINGS
Region code: 02
Dunn & Bradst #: 001547397
Air quality cntrl region: 043
Sic code: 3471
Sic code desc: PLATING AND POLISHING
North Am. industrial classf: 332813
NAIC code description: Electroplating, Plating, Polishing, Anodizing, and Coloring
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: EPA CONDUCTED FCE / ON-SITE
Date achieved: 031215
Penalty amount: Not reported

Air program: MACT (SECTION 63 NESHAPS)
National action type: PCE/OFF-SITE
Date achieved: 040115
Penalty amount: Not reported

Air program: MACT (SECTION 63 NESHAPS)
National action type: PCE/OFF-SITE
Date achieved: 050112
Penalty amount: Not reported

Air program: MACT (SECTION 63 NESHAPS)
National action type: PCE/OFF-SITE
Date achieved: 050614
Penalty amount: Not reported

Air program: MACT (SECTION 63 NESHAPS)
National action type: PCE/OFF-SITE
Date achieved: 060203
Penalty amount: Not reported

Air program: MACT (SECTION 63 NESHAPS)
National action type: PCE/OFF-SITE
Date achieved: 080118
Penalty amount: Not reported

Air program: MACT (SECTION 63 NESHAPS)
National action type: PCE/OFF-SITE
Date achieved: 110114

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

Penalty amount: Not reported

Air program: MACT (SECTION 63 NESHAPS)
National action type: PCE/OFF-SITE
Date achieved: 110610
Penalty amount: Not reported

Air program: MACT (SECTION 63 NESHAPS)
National action type: PCE/OFF-SITE
Date achieved: 120611
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 990216
Penalty amount: 000000000

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: M

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY FINISHING (Continued)

1000400665

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	M

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

S84
North
1/8-1/4
0.128 mi.
674 ft.

CON EDISON
65 ECKFORD ST
BROOKLYN, NY 11211
Site 2 of 4 in cluster S

NY MANIFEST **S113495711**
 N/A

Relative: NY MANIFEST:
Higher EPA ID: NYP004294278
 Country: USA
Actual: Mailing Name: CON EDISON
17 ft. Mailing Contact: CON EDISON
 Mailing Address: 4 IRVING PL 15TH FL
 Mailing Address 2: Not reported
 Mailing City: NEW YORK
 Mailing State: NY
 Mailing Zip: 10003
 Mailing Zip4: Not reported
 Mailing Country: USA
 Mailing Phone: 212-460-3770

NY MANIFEST:
 No Manifest Records Available

85
SE
1/8-1/4
0.129 mi.
679 ft.

136 RICHARDSON ST
BROOKLYN, NY 11211

EDR US Hist Auto Stat **1015213780**
 N/A

Relative: EDR Historical Auto Stations:
Lower Name: TONY'S AUTO BODY INCORPORATED
 Year: 1999
Actual: Address: 136 RICHARDSON ST
14 ft. Name: TONY'S AUTO BODY INCORPORATED
 Year: 2000
 Address: 136 RICHARDSON ST
 Name: TONY'S AUTO BODY INC
 Year: 2001
 Address: 136 RICHARDSON ST
 Name: TONY'S AUTO BODY INC
 Year: 2002
 Address: 136 RICHARDSON ST
 Name: TONY'S AUTO BODY INC
 Year: 2003
 Address: 136 RICHARDSON ST
 Name: TONY'S AUTO BODY INC
 Year: 2004
 Address: 136 RICHARDSON ST
 Name: TONY'S AUTO BODY INC
 Year: 2005
 Address: 136 RICHARDSON ST
 Name: TONY'S AUTO BODY INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015213780

Year: 2006
Address: 136 RICHARDSON ST

Name: TONY'S AUTO BODY INC
Year: 2007
Address: 136 RICHARDSON ST

Name: TONY'S AUTO BODY
Year: 2008
Address: 136 RICHARDSON ST

Name: TONY'S AUTO BODY
Year: 2009
Address: 136 RICHARDSON ST

Name: TONY'S AUTO BODY
Year: 2010
Address: 136 RICHARDSON ST

Name: TONY'S AUTO BODY INC
Year: 2011
Address: 136 RICHARDSON ST

Name: TONY'S AUTOMOBILE BODY
Year: 2012
Address: 136 RICHARDSON ST

P86
SW
1/8-1/4
0.134 mi.
706 ft.

BAYARD HOUSE, LLC
60-64 BAYARD STREET
BROOKLYN, NY 11201

RCRA-LQG 1010566463
NYR000151118

Site 3 of 4 in cluster P

Relative:
Lower

RCRA-LQG:

Actual:
14 ft.

Date form received by agency: 03/05/2008
Facility name: BAYARD HOUSE, LLC
Facility address: 60-64 BAYARD STREET
BROOKLYN, NY 11201
EPA ID: NYR000151118
Mailing address: BAYARD STREET
BROOKLYN, NY 11201
Contact: WITOLD BREND
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (718) 302-2004
Contact email: WB@BRENDCORP.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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYARD HOUSE, LLC (Continued)

1010566463

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: BAYARD HOUSE, LLC
Owner/operator address: BAYARD STREET
BROOKLYN, NY 11201

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/29/2004
Owner/Op end date: Not reported

Owner/operator name: BAYARD HOUSE, LLC
Owner/operator address: BAYARD STREET
BROOKLYN, NY 11201

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/29/2004
Owner/Op end date: Not reported

Owner/operator name: BAYARD HOUSE LLC
Owner/operator address: BAYARD ST
BROOKLYN, NY 11222

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/01/2004
Owner/Op end date: Not reported

Owner/operator name: WITOLD BREND
Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/01/2004
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYARD HOUSE, LLC (Continued)

1010566463

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: 10/09/2007
Facility name: BAYARD HOUSE, LLC
Site name: BAYARD HOUSE LLC
Classification: Large Quantity Generator

Date form received by agency: 10/08/2007
Facility name: BAYARD HOUSE, LLC
Site name: BAYARD HOUSE LLC
Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D008
Waste name: LEAD

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 05/20/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

P87
SW
1/8-1/4
0.134 mi.
706 ft.

BAYARD HOUSE LLC
60-64 BAYARD STREET
BROOKLYN, NY 11222
Site 4 of 4 in cluster P

NY MANIFEST **S108933032**
N/A

Relative:
Lower

NY MANIFEST:
EPA ID: NYR000151118
Country: USA
Mailing Name: BAYARD HOUSE LLC
Mailing Contact: BAYARD HOUSE LLC
Mailing Address: 60-64 BAYARD ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11222
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 516-292-6000

Actual:
14 ft.

Document ID: Not reported
Manifest Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYARD HOUSE LLC (Continued)

S108933032

Trans1 State ID: NJR000029987
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-06
Trans1 Recv Date: 2008-02-06
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-06
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985602JJK
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: NJR000029987
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-06
Trans1 Recv Date: 2008-02-06
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-06
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985603JJK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYARD HOUSE LLC (Continued)

S108933032

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: NJR000029987
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-08
Trans1 Recv Date: 2008-02-08
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-08
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985604JJK
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: NJR000029987
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-08
Trans1 Recv Date: 2008-02-08
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-08

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYARD HOUSE LLC (Continued)

S108933032

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985605JJK
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: NJR000029987
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-06
Trans1 Recv Date: 2008-02-06
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-06
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985606JJK
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

BAYARD HOUSE LLC (Continued)

S108933032

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: NJR000029987
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-07
Trans1 Recv Date: 2008-02-07
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-07
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985607JJK
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: NJR000029987
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-07
Trans1 Recv Date: 2008-02-07
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-07
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYARD HOUSE LLC (Continued)

S108933032

Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985608JJK
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: NJR000029987
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-06
Trans1 Recv Date: 2008-02-06
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-06
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985610JJK
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

BAYARD HOUSE LLC (Continued)

S108933032

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJR000028967
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-11
Trans1 Recv Date: 2008-02-11
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-11
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985611JJK
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: NJR000028967
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-11
Trans1 Recv Date: 2008-02-11
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-11
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYARD HOUSE LLC (Continued)

S108933032

Year: 2008
Manifest Tracking Num: 003985612JJK
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: NJR000028967
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-11
Trans1 Recv Date: 2008-02-11
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-11
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0

Year: 2008
Manifest Tracking Num: 003985613JJK
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: NJR000029967
Trans2 State ID: Not reported
Generator Ship Date: 2008-03-04
Trans1 Recv Date: 2008-03-04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYARD HOUSE LLC (Continued)

S108933032

Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-03-04
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985614JJK
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: NJR000029967
Trans2 State ID: Not reported
Generator Ship Date: 2008-03-04
Trans1 Recv Date: 2008-03-04
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-03-04
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985814JJK
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

BAYARD HOUSE LLC (Continued)

S108933032

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: NJR000029987
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-08
Trans1 Recv Date: 2008-02-08
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-08
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985605JJK
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: NJR000028967
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-11
Trans1 Recv Date: 2008-02-11
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-11
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYARD HOUSE LLC (Continued)

S108933032

Trans2 EPA ID: Not reported
TSDF ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985612JJK
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: NJR000029987
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-07
Trans1 Recv Date: 2008-02-07
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-07
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985607JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYARD HOUSE LLC (Continued)

S108933032

Mgmt Method Type Code: H111

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJR000028967
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-11
Trans1 Recv Date: 2008-02-11
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-11
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985611JJK
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: NJR000029987
Trans2 State ID: Not reported
Generator Ship Date: 2008-02-07
Trans1 Recv Date: 2008-02-07
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-07
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYARD HOUSE LLC (Continued)

S108933032

Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985608JJK
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: NJR000029967
Trans2 State ID: Not reported
Generator Ship Date: 2008-03-04
Trans1 Recv Date: 2008-03-04
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-03-04
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985614JJK
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: NJR000029987

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYARD HOUSE LLC (Continued)

S108933032

Trans2 State ID: Not reported
Generator Ship Date: 2008-02-06
Trans1 Recv Date: 2008-02-06
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-02-06
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000151118
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD045995693
Waste Code: Not reported
Quantity: 22.0
Units: T - Tons
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003985610JJK
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

[Click this hyperlink](#) while viewing on your computer to access 88 additional NY_MANIFEST: record(s) in the EDR Site Report.

R88
SSW
1/8-1/4
0.135 mi.
711 ft.

278 FUEL STOP, INC.
392 LEONARD STREET
BROOKLYN, NY 11211
Site 4 of 7 in cluster R

NY UST **U003031010**
N/A

Relative:
Lower

Actual:
15 ft.

UST:
Id/Status: 2-510793 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2014/02/16
UTM X: 588852.23337000003
UTM Y: 4507991.4467900004

Affiliation Records:
Site Id: 21890
Affiliation Type: Facility Owner
Company Name: 278 FUEL STOP, INC.
Contact Type: SECRETARY
Contact Name: Not reported
Address1: 392 LEONARD STREET
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

278 FUEL STOP, INC. (Continued)

U003031010

City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-3329
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 5/1/2012

Site Id: 21890
Affiliation Type: Mail Contact
Company Name: 278 FUEL STOP, INC.
Contact Type: Not reported
Contact Name: KULDEEP SINGH
Address1: 392 LEONARD STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 388-3329
EMail: ANDYSINGH1@VERIZON,NET
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 5/1/2012

Site Id: 21890
Affiliation Type: On-Site Operator
Company Name: 278 FUEL STOP, INC.
Contact Type: Not reported
Contact Name: KULDEEP SINGH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 388-3329
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 5/1/2012

Site Id: 21890
Affiliation Type: Emergency Contact
Company Name: 278 FUEL STOP, INC.
Contact Type: Not reported
Contact Name: KULDEEP S SAHOTA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 755-8900
EMail: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

278 FUEL STOP, INC. (Continued)

U003031010

Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 5/1/2012

Tank Info:

Tank Number: 001
Tank ID: 39770
Tank Status: In Service
Capacity Gallons: 4000
Install Date: 08/01/1972
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 07/19/2012
Next Test Date: 07/19/2017
Pipe Model: Not reported
Modified By: BKFALVEY
Last Modified: 12/11/2012

Equipment Records:

- B01 - Tank External Protection - Painted/Asphalt Coating
- F04 - Pipe External Protection - Fiberglass
- K01 - Spill Prevention - Catch Basin
- C02 - Pipe Location - Underground/On-ground
- I02 - Overfill - High Level Alarm
- B07 - Tank External Protection - Retrofitted Sacrificial Anode
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- G00 - Tank Secondary Containment - None
- H05 - Tank Leak Detection - In-Tank System (ATG)
- L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
- A00 - Tank Internal Protection - None
- J01 - Dispenser - Pressurized Dispenser
- E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Number: 002
Tank ID: 39771
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 11/01/1939
Date Tank Closed: 04/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 01/01/1994
Next Test Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

278 FUEL STOP, INC. (Continued)

U003031010

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G07 - Tank Secondary Containment - Excavation/Trench Liner System
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 003
Tank ID: 39772
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 11/01/1939
Date Tank Closed: 04/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 01/01/1994
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
G07 - Tank Secondary Containment - Excavation/Trench Liner System
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 004
Tank ID: 39773
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 11/01/1939
Date Tank Closed: 04/01/1999
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

278 FUEL STOP, INC. (Continued)

U003031010

Tightness Test Method: 03
Date Test: 01/01/1994
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
G07 - Tank Secondary Containment - Excavation/Trench Liner System
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 005
Tank ID: 39774
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 11/01/1939
Date Tank Closed: 04/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 01/01/1994
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
G07 - Tank Secondary Containment - Excavation/Trench Liner System
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 006
Tank ID: 50402
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 11/01/1939
Date Tank Closed: 06/13/2009
Registered: True
Tank Location: Underground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

278 FUEL STOP, INC. (Continued)

U003031010

Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/01/2012

Equipment Records:

G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L00 - Piping Leak Detection - None

Tank Number: 006A
Tank ID: 56076
Tank Status: In Service
Capacity Gallons: 4000
Install Date: 04/01/1999
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
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: 05/01/2012

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
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
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
B05 - Tank External Protection - Jacketed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

278 FUEL STOP, INC. (Continued)

U003031010

E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Number: 007A
Tank ID: 56077
Tank Status: In Service
Capacity Gallons: 4000
Install Date: 04/01/1999
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
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: 05/01/2012

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
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
B05 - Tank External Protection - Jacketed
E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Number: 008A
Tank ID: 56078
Tank Status: In Service
Capacity Gallons: 4000
Install Date: 04/01/1999
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated 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: 05/01/2012

Equipment Records:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

278 FUEL STOP, INC. (Continued)

U003031010

- C02 - Pipe Location - Underground/On-ground
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I02 - Overfill - High Level Alarm
- 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
- L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
- B05 - Tank External Protection - Jacketed
- E04 - Piping Secondary Containment - Double-Walled (Underground)

R89
SSW
1/8-1/4
0.135 mi.
711 ft.

A-I AUTO REPAIRS INC.
392 LEONARD STREET
BROOKLYN, NY 11211

NY AST **A100343935**
N/A

Site 5 of 7 in cluster R

Relative:
Lower

AST:
 Region: STATE
 DEC Region: 2
 Site Status: Active
 Facility Id: 2-611136
 Program Type: PBS
 UTM X: 588823.12419
 UTM Y: 4508023.5040300004
 Expiration Date: 2014/07/22

Actual:
15 ft.

Affiliation Records:
 Site Id: 416892
 Affiliation Type: Facility Owner
 Company Name: AVTAR SINGH
 Contact Type: Not reported
 Contact Name: Not reported
 Address1: 126 BERWOOD DR.
 Address2: Not reported
 City: LINDEN
 State: NJ
 Zip Code: 07036
 Country Code: 001
 Phone: (908) 486-0412
 EMail: Not reported
 Fax Number: Not reported
 Modified By: NRLOMBAR
 Date Last Modified: 7/22/2009

Site Id: 416892
 Affiliation Type: Mail Contact
 Company Name: A-I AUTO REPAIRS INC.
 Contact Type: Not reported
 Contact Name: AVTAR SINGH
 Address1: 392 LEONARD STREET
 Address2: Not reported
 City: BROOKLYN
 State: NY
 Zip Code: 07036

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A-I AUTO REPAIRS INC. (Continued)

A100343935

Country Code: 001
Phone: (718) 388-3464
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 7/22/2009

Site Id: 416892
Affiliation Type: On-Site Operator
Company Name: A-I AUTO REPAIRS INC.
Contact Type: Not reported
Contact Name: AVTAR SINGH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 388-3464
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 7/22/2009

Site Id: 416892
Affiliation Type: Emergency Contact
Company Name: AVTAR SINGH
Contact Type: Not reported
Contact Name: AVTAR SINGH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (908) 494-2228
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 7/22/2009

Tank Info:

Tank Number: 1
Tank Id: 229688
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A-I AUTO REPAIRS INC. (Continued)

A100343935

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
H05 - Tank Leak Detection - In-Tank System (ATG)
L00 - Piping Leak Detection - None
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/01/2008
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: NRLOMBAR
Last Modified: 07/22/2009

R90
SSW
1/8-1/4
0.135 mi.
711 ft.

CONSTRUCTION SITE
392 LEONARD STREET
BROOKLYN, NY

NY LTANKS **S104648903**
NY Spills **N/A**

Site 6 of 7 in cluster R

Relative:
Lower

LTANKS:

Actual:
15 ft.

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.
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 Extension: Not reported
DEC Region: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSTRUCTION SITE (Continued)

S104648903

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 STATION 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
Resource Affected: Not reported
Oxygenate: False

Tank Test:

SPILLS:

Facility ID: 9900802
DER Facility ID: 202028
Facility Type: ER
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSTRUCTION SITE (Continued)

S104648903

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 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)
Remarks: 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
DER Facility ID: 202028
Facility Type: ER
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSTRUCTION SITE (Continued)

S104648903

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSTRUCTION SITE (Continued)

S104648903

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
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

R91
SSW
1/8-1/4
0.135 mi.
711 ft.

392 LEONARD ST
BROOKLYN, NY 11211
Site 7 of 7 in cluster R

EDR US Hist Auto Stat 1015464197
N/A

Relative:
Lower
Actual:
15 ft.

EDR Historical Auto Stations:

Name: A D BASIC AUTO REPAIR INCORPORATED
Year: 1999
Address: 392 LEONARD ST
Name: A D BASIC AUTO REPAIR INCORPORATED
Year: 2000
Address: 392 LEONARD ST
Name: 278 FUEL STOP INC
Year: 2001
Address: 392 LEONARD ST
Name: 278 FUEL STOP INC
Year: 2002
Address: 392 LEONARD ST
Name: RIK GAS INC
Year: 2003
Address: 392 LEONARD ST
Name: 278 FUEL STOP
Year: 2004

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

1015464197

Address: 392 LEONARD ST

Name: A1 AUTO REPAIR INC
 Year: 2006
 Address: 392 LEONARD ST

Name: 278 FUEL STOP
 Year: 2008
 Address: 392 LEONARD ST

Name: 278 FUEL STOP
 Year: 2009
 Address: 392 LEONARD ST

Name: A 1 AUTO REPAIR
 Year: 2010
 Address: 392 LEONARD ST

Name: RIK GAS INC
 Year: 2011
 Address: 392 LEONARD ST

Name: 278 FUEL STOP
 Year: 2012
 Address: 392 LEONARD ST

92
North
1/8-1/4
0.136 mi.
719 ft.

CONSOLIDATED EDISON
BROOME ST & GRAHAM AVE
BROOKLYN, NY

NY MANIFEST S107738338
N/A

Relative:
Higher

NY MANIFEST:
 EPA ID: NYP041369556
 Country: USA
 Mailing Name: CONSOLIDATED EDISON
 Mailing Contact: FRANKLYN MURRAY
 Mailing Address: 4 IRVING PL RM 828
 Mailing Address 2: Not reported
 Mailing City: NEW YORK
 Mailing State: NY
 Mailing Zip: 10003
 Mailing Zip4: Not reported
 Mailing Country: USA
 Mailing Phone: 212-460-2808

Actual:
18 ft.

Document ID: NYE1307664
 Manifest Status: Not reported
 Trans1 State ID: NYD006982359
 Trans2 State ID: Not reported
 Generator Ship Date: 02/10/2006
 Trans1 Recv Date: 02/10/2006
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 02/13/2006
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP041369556

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

S107738338

Trans1 EPA ID: 12246JT
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 00074
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2006

Document ID: NYE1307664
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 02/10/2006
Trans1 Recv Date: 02/10/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/13/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP041369556
Trans1 EPA ID: 12246JT
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 00074
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2006

T93
NNW
1/8-1/4
0.138 mi.
730 ft.

493 LEONARD ST
BROOKLYN, NY 11222

Site 1 of 5 in cluster T

EDR US Hist Auto Stat 1015518650
N/A

Relative:
Lower

EDR Historical Auto Stations:

Name: PJ MOTORS INC
Year: 2001
Address: 493 LEONARD ST

Actual:
15 ft.

Name: PJ MOTORS
Year: 2002
Address: 493 LEONARD ST

Name: PJ MOTORS
Year: 2003
Address: 493 LEONARD ST

Name: PJ MOTORS INC
Year: 2004
Address: 493 LEONARD ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015518650

Name: SAAB VOLVO REPAIR
Year: 2005
Address: 493 LEONARD ST

Name: SAAB VOLVO REPAIR
Year: 2006
Address: 493 LEONARD ST

Name: PJ MOTORS
Year: 2007
Address: 493 LEONARD ST

Name: P J MOTORS INC
Year: 2008
Address: 493 LEONARD ST

U94
SSW
1/8-1/4
0.142 mi.
752 ft.

FDNY ENGINE 229 / LADDER 146
75 RICHARDSON STREET
BROOKLYN, NY 11211
Site 1 of 6 in cluster U

NY AST U003178517
N/A

Relative:
Lower

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-600510
Program Type: PBS
UTM X: 588803.99982000003
UTM Y: 4508011.0769800004
Expiration Date: N/A

Actual:
15 ft.

Affiliation Records:
Site Id: 22491
Affiliation Type: Emergency Contact
Company Name: F.D.N.Y.
Contact Type: Not reported
Contact Name: F.D.N.Y.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 403-1580
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 22491
Affiliation Type: Facility Owner
Company Name: F.D.N.Y.
Contact Type: Not reported
Contact Name: Not reported
Address1: 250 LIVINGSTON STREET
Address2: Not reported
City: BROOKLYN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FDNY ENGINE 229 / LADDER 146 (Continued)

U003178517

State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 403-1580
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 22491
Affiliation Type: Mail Contact
Company Name: F.D.N.Y.
Contact Type: Not reported
Contact Name: MIKHAIL ALTSHILER
Address1: 250 LIVINGSTON STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 403-1580
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 22491
Affiliation Type: On-Site Operator
Company Name: FDNY ENGINE 229 / LADDER 146
Contact Type: Not reported
Contact Name: COMPANY OFFICER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 965-8229
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank Id: 42874
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
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FDNY ENGINE 229 / LADDER 146 (Continued)

U003178517

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1997
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/01/1997
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004

Tank Number: 003
Tank Id: 53514
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
F05 - Pipe External Protection - Jacketed
H99 - Tank Leak Detection - Other
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
C03 - Pipe Location - Aboveground/Underground Combination
I03 - Overfill - Automatic Shut-Off
H05 - Tank Leak Detection - In-Tank System (ATG)
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/1997
Capacity Gallons: 550
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

U95
SSW
1/8-1/4
0.142 mi.
752 ft.

ENGINE CO. 229 FDNY -DDC
76 RICHARDSON STREET
BROOKLYN, NY

NY LTANKS **S102619299**
N/A

Site 2 of 6 in cluster U

Relative:
Lower

LTANKS:

Site ID: 108052
 Spill Number/Closed Date: 9703488 / Not Reported
 Spill Date: 6/20/1997
 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.

Actual:
15 ft.

Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 2401
 Investigator: ADZHITOM
 Referred To: SOURCE TO BE INVESTIGATED
 Reported to Dept: 6/20/1997
 CID: 322
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Involvement: True
 Remediation Phase: 5
 Date Entered In Computer: 6/20/1997
 Spill Record Last Update: 12/6/2012
 Spiller Name: LT MOLINARO
 Spiller Company: ENGINE COMPANY 229
 Spiller Address: 75 RICHARDSON ST
 Spiller City,St,Zip: BROOKLYN, ZZ
 Spiller County: 001
 Spiller Contact: LT MOLINARO
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 94982
 DEC Memo:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY" TRANSFERRED FROM Y.KRIMGOLD.8-3-2005 Reviewed report received by NYSDEC on June 13, 2005. The report stated that free product is present in wells MW-2 and MW-4. Petroleum absorbent socks have been replaced several times in both wells. Also, the report stated that in July 2001, laboratory analysis identified the product as kerosene. In addition, the report stated that the most likely off-site source is the upgradient neighboring property, which was known to have underground storage tanks. A letter was sent to DDC/URS to inform the City that at NYSDEC request, an investigation was performed at the neighboring property (Spill #0130048, 407 Leonard Street). The investigation results showed no signs of contamination and the spill report for that property was closed. Therefore, the Department requested that DDC/URS repeat the fingerprint analysis of the free product in wells MW-2 and MW-4, and investigate alternative sources for the free product contamination. AZ9-28-2005 Staff received and reviewed a monitoring report from the City's contractor which stated that free product is present in several wells. The report suggested that the most likely off-site source is the up-gradient neighboring property, which has underground storage tanks. Staff

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENGINE CO. 229 FDNY -DDC (Continued)

S102619299

responded that an investigation was performed, at DEC's request, at the neighboring property (Spill #0130048, 407 Leonard Street). The investigation results showed no signs of contamination and the spill report for that property was closed. Staff asked the City to repeat the petroleum fingerprint analysis to help determine the source of the product. This analysis indicated that the product is likely kerosene. Although kerosene tanks were never present at the site, NYFD has practice of mixing kerosene and diesel fuel. There is a diesel AST in the basement of the facility. Staff asked Jane Staten (URS) to investigate the possibility of leakage from the diesel AST into the subsurface through underground lines or other conveyances. AZ9/26/2006 The site was transferred from URS to Greyhawk on January 1, 2006. In July 2006 Greyhawk reported that due to the lack of documentation from the previous CM, Roux performed a reconnaissance visit to the site. Eight of nine monitoring wells were located and gauged. MW-08 was probably destroyed during ongoing construction activities at the neighboring property. MW-04 continues to contain free product at 0.16'. Absorbent socks in wells MW-04 and MW-02 were replaced. AZ12-07-2006 Staff received and reviewed a monitoring reports from Roux dated September 22 and November 20, 2006. November report states that Gw sampling was not conducted for April through June 2006 because Greyhawk mistakenly considered the spill closed. Free phase (kerosene) was detected in MW-02(0.03') and MW-04(0.23') during July-September quarterly monitoring event. MW-08 could not be located. Roux recommended reduce frequency of gw sampling and reporting from quarterly to semi-annual since dissolved phase remains only in MW-09, continue quarterly gaging of wells, continue using absorbent socks, conduct additional investigation to determine potential sources of kerosene product (work plan will be submitted to DEC), attempt to locate MW-08. DEC concurred. MW-08 should be located or replaced. AZ12/22/2006 At the meeting with DDC/Greyhawk on 12/12/2006 DEC inquired about the remedial progress at this site. Greyhawk will advance a few borings to resolve this issue. They will submit a work plan. AZ2/13/2007 An e-mail was sent to DEC/Roux: "Roux recommended reducing frequency of groundwater sampling to semi-annual at this site. Also, Roux proposed that well MW-08 should be located and sampled in their November 2006 Report. As far as I know, MW-8 has not been located. Well MW-8 should be located and sampled. When sampling results from MW-8 are submitted to DEC, frequency of groundwater sampling will be reviewed." AZ2/14/2007 Telephone conversation with Brian Morrissey on 2/13/2007: Brian informed me that MW-8 was last sampled in 2002 and exhibited 15 ppb of total VOC. This information was not included in Roux's quarterly report. Based on this information I approved Roux recommendation for semi-annual groundwater sampling. However, due to the presence of free product at this site, groundwater sampling schedule should be restored to quarterly if dissolved phase contamination appears in more wells. An e-mail was sent to Brian Morrissey (Roux). AZ6/21/2007 Reviewed report for the site dated April 11, 2007, and received on April 26, 2007. Roux recommended conducting additional site investigation to determine potential sources of kerosene. They proposed collecting soil and gw samples from borings in the alley located between the firehouse building and the adjacent property's degreasing pit. No permanent wells were proposed. UST near Leonard Street belongs to what site? I left a message for B. Morrissey (Roux) asking clarification for the work plan. AZ6/22/2007 Conversation with Brian Morrissey regarding the proposed Work Plan. I rejected the proposed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENGINE CO. 229 FDNY -DDC (Continued)

S102619299

Work Plan since it did not propose any permanent well installations. Also, I consider, that number of soil borings is excessive. Two wells should be installed in place of proposed boring RXSB07-RXSB09. Also, two wells should be installed between the degreasing pit and the potential site of previous USTs. MW-8 should be either located or re-installed. I requested information regarding diesel fill ports, gasoline fill ports and previous USTs depicted on the plan. Do they belong to the Fire Department or to the adjacent property? Roux will submit a revised work plan and the requested information. AZ2/11/2008 An e-mail was sent to Roux/DDC/VB/Greyhawk: "I have reviewed Semi-Annual Monitoring Report for the above site submitted in November 2007. The report included the revised Work Plan. However, DEC comments were only partially taken into account. DEC requested installation of two wells between potential site of the previous USTs and the degreasing pit. These wells were not proposed by Roux. Also, DEC requested information regarding ownership of the diesel fill ports, gasoline fill ports and previous USTs depicted on the plan. This information has not been provided to DEC. These deficiencies should be corrected and modified Work Plan with the requested information submitted to DEC. AZ2/12/2008 Conversation w/Brian Morrissey (Roux). Brian suggested installing two wells in the alleyway as the first step in the investigation. After these wells are installed and sampled, a decision will be made by DEC regarding installation of two additional off property wells at the adjacent property as per DEC's previous request. Also, Roux will provide DEC with the information regarding UST locations at EC 229 property and information regarding the ownership of the former USTs as well as diesel and gasoline fill ports in conjunction with the first stage of the investigation. AZ10-31/2008 An e-mail was sent to Roux/DDC/Greyhawk/V.B.: "I have reviewed Semi-Annual Monitoring Report for the above site for the period of July 2007 to June 2008 and dated August 4, 2008. Based on the report, the additional site investigation, approved by DEC in February 2008, has not been performed. The submitted investigation plan is approved and should be performed without delay. After proposed wells/borings are installed, a decision will be made by DEC regarding installation of two additional off site wells at the adjacent property as per DEC's previous request. According to the PBS records, a 2,000 gallon fuel oil tank was closed in place at the site. A 550 gallon diesel tank is in active status at the site. Locations of these tanks and their fill ports should be indicated on the plan. Also, location of 275 gallon gasoline tank fill ports should be indicated on the plan." AZ12-21-2009 Additional investigation work plan approved by DEC on February 11, 2008, February (ASIWP) has not been performed. According to Roux it will be performed by the incoming construction management firm. Intermittent kerosene product is observed in MW-4 and MW-02. An investigation REQUESTED BY NYSDEC (Spill #0130048, 407 Leonard Street) DEC determined that product in MW-2 and MW-4 doesn't appear to be from this potential upgradient source. Roux will continue to use absorbent socks. AZ8-25-2010 An e-mail was sent to LiRo S. Frank: "I have reviewed Site Turn-Over Status Report. Result of the additional investigation which was approved by DEC should be sent to the Department. Well MW-01 could be removed from the sampling program. Wells M-06 and MW-07 should be replaced." AZ12-21-2010 An e-mail was sent to LiRo S. Frank, V. Brevdo, F. Ashkan: "Dear Steve, I have reviewed semi-annual sampling/quarterly monitoring and additional investigation report for this site. The report proposed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENGINE CO. 229 FDNY -DDC (Continued)

S102619299

continuation of sampling and adding SVOC analysis to groundwater sampling protocol. Also, report suggested hot spot shallow excavation at boring RXSB-04. These proposals are approved. LiRo recommended removal of wells MW-01 and MW-07 from the sampling program and reduction of gauging to semi-annual, since product has not been observed since 2008. These recommendations are approved. The Responsible Party and Contractors are responsible for the safe execution of the Work Plan." Elevated levels of soil and dissolved groundwater contamination exist at this site. A series of 11 injection wells were installed at the site. PermeOx slurry was injected in each well. Consultants submitted additional site investigation plan which has been approved by DEC. In June 2010 LiRo performed the revised Additional Revised Investigation Plan. Elevated PID readings and petroleum odor was noted in all seven borings mainly between 5 and 15 ft. bgs. VOC and SVOC concentrations exceeded TAGM soil guidance. Contamination is present just above and at the groundwater table interface. LiRo recommended conducting hot spot shallow excavation to remove VOCs in soil. DEC approved this recommendation. AZ 6-28-2011 Reviewed report for the site dated March 31, 2011. Soil samples collected indicate shallow SVOC contamination above and at groundwater table. Soil below gw table do not indicate contamination. LiRo proposed to conduct hot spot excavation at boring RXSB-04 and DEC approved it in December 2010. Free phase product was detected in RXMW-01 (0.01') and MW-04 (0.22') in November 2010. The product was identified as gasoline. Due to the presence of free phase, quarterly gauging will be conducted. Monthly vacuum truck extraction in wells MW-02, MW04, and RXMW-01 will be conducted for a period of 3 months. AZ1-9-2012 Reviewed semi-annual report dated October 5, 2011. The shallow ho spot excavation approved by DEC on Dec. 21, 2010 in the vicinity of boring RXSB-04 is scheduled for completion in Fall/Winter 2011. The following email was sent to S. Frank/ F. Ashkan and V. Brevdo: "Dear Steve, I have reviewed semi-annual/quarterly report for February- September 2011 and dated October 2011. The report stated that measurable product was detected in MW-04 and was ranging from 0.01 to 0.03 feet. Currently petroleum absorbent socks are in three wells. LiRo proposed reducing groundwater sampling from semi-annual to annual. Due to the presence of free phase product this proposal is rejected. Sampling should be performed semi-annually. Also, LiRo proposed to remove several monitoring wells from the site monitoring program. The site is monitored only twice a year. The wells proposed for removal exhibited VOC contaminants in the past and located in important monitoring locations. Therefore, these wells should be monitored. LiRo proposed suspending SVOC analysis. This proposal is approved." AZ12-6-2012 Reviewed semi-annual monitoring report dated June 26, 2012. The report stated that elevated VOCs above RSCO were detected in boring RXSB-04 from 5' to 6'. Free phase product is intermittently reported in wells MW-02, MW-04, RXMW-02. Product removal has been accomplished by both EFR and absorbent socks. LiRo will submit an excavation bid package for excavation in the vicinity of boring RXSB-04 in the third quarter of 2012. AZ

Remarks:

DURING TANK CLOSURE - SOIL SAMPLE HAS BEEN TAKEN AND THEY RECIEVED POSITIVE PID ON ONE SAMPLE

Material:

Site ID:

108052

Operable Unit ID:

1046280

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENGINE CO. 229 FDNY -DDC (Continued)

S102619299

Operable Unit: 01
Material ID: 336370
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:

U96
SSW
1/8-1/4
0.142 mi.
752 ft.

FDNY ENGINE 229 / LADDER 146
75 RICHARDSON STREET
BROOKLYN, NY 11211

NY UST **U004078047**
N/A

Site 3 of 6 in cluster U

Relative:
Lower

UST:
Id/Status: 2-600510 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 588803.99982000003
UTM Y: 4508011.0769800004

Actual:
15 ft.

Affiliation Records:
Site Id: 22491
Affiliation Type: Emergency Contact
Company Name: F.D.N.Y.
Contact Type: Not reported
Contact Name: F.D.N.Y.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 403-1580
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 22491
Affiliation Type: Facility Owner
Company Name: F.D.N.Y.
Contact Type: Not reported
Contact Name: Not reported
Address1: 250 LIVINGSTON STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FDNY ENGINE 229 / LADDER 146 (Continued)

U004078047

Country Code: 001
Phone: (718) 403-1580
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 22491
Affiliation Type: Mail Contact
Company Name: F.D.N.Y.
Contact Type: Not reported
Contact Name: MIKHAIL ALTSHILER
Address1: 250 LIVINGSTON STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 403-1580
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 22491
Affiliation Type: On-Site Operator
Company Name: FDNY ENGINE 229 / LADDER 146
Contact Type: Not reported
Contact Name: COMPANY OFFICER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 965-8229
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 002
Tank ID: 52624
Tank Status: Closed - In Place
Capacity Gallons: 275
Install Date: 05/01/1997
Date Tank Closed: 05/01/1997
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

FDNY ENGINE 229 / LADDER 146 (Continued)

U004078047

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External 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
H00 - Tank Leak Detection - None
I00 - Overfill - None

U97
SSW
1/8-1/4
0.142 mi.
752 ft.

NYC FIRE DEPT ENGINE CO 229
75 RICHARDSON ST
BROOKLYN, NY

RCRA NonGen / NLR **1001197486**
FINDS **NYR000040410**

Site 4 of 6 in cluster U

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: NYC FIRE DEPT ENGINE CO 229
Facility address: 75 RICHARDSON ST
BROOKLYN, NY 112111305

Actual:
15 ft.

EPA ID: NYR000040410
Mailing address: RICHARDSON ST
BROOKLYN, NY 11226
Contact: Not reported
Contact address: RICHARDSON ST
BROOKLYN, NY 11226

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: NYC FIRE DEPT
Owner/operator address: 75 RICHARDSON ST
BROOKLYN, NY 11226

Owner/operator country: US
Owner/operator telephone: (718) 965-8229
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYC FIRE DEPT
Owner/operator address: 75 RICHARDSON ST
BROOKLYN, NY 11226

Owner/operator country: US
Owner/operator telephone: (718) 965-8229
Legal status: Municipal
Owner/Operator Type: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC FIRE DEPT ENGINE CO 229 (Continued)

1001197486

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
Facility name: NYC FIRE DEPT ENGINE CO 229
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: NYC FIRE DEPT ENGINE CO 229
Classification: Not a generator, verified

Date form received by agency: 06/04/1997
Facility name: NYC FIRE DEPT ENGINE CO 229
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004534889

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.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

V98 **NYC DEPT OF PARKS**
West **776 LORIMER STREET**
1/8-1/4 **BROOKLYN, NY 11222**
0.143 mi.
756 ft. **Site 1 of 3 in cluster V**

NY MANIFEST **S112141257**
N/A

Relative:
Lower

NY MANIFEST:
EPA ID: NYR000179333
Country: USA

Actual:
14 ft.

Mailing Name: NYC DEPT OF PARKS
Mailing Contact: RENOVATION OF MCCARREN POOL & BATHHOUSE
Mailing Address: 117-02 ROOSEVELT AVENUE
Mailing Address 2: Not reported
Mailing City: FLUSHING
Mailing State: NY
Mailing Zip: 11366
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 347-985-3193

NY MANIFEST:
No Manifest Records Available

V99 **NYC DEPT OF PARKS**
West **776 LORIMER STREET**
1/8-1/4 **BROOKLYN, NY 11222**
0.143 mi.
756 ft. **Site 2 of 3 in cluster V**

RCRA-LQG **1014399843**
NYR000179333

Relative:
Lower

RCRA-LQG:
Date form received by agency: 10/04/2012
Facility name: NYC DEPT OF PARKS
Facility address: 776 LORIMER STREET
 BROOKLYN, NY 11222

Actual:
14 ft.

EPA ID: NYR000179333
Mailing address: ROOSEVELT AVE
 QUEENS, NY 11368
Contact: MARTY ROWLAND
Contact address: ROOSEVELT AVE
 QUEENS, NY 11368
Contact country: US
Contact telephone: (347) 865-3193
Contact email: MARTY.ROWLAND@PARKS.NYC.GOV
EPA Region: 02
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 100 kg of that material at any time

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF PARKS (Continued)

1014399843

Owner/Operator Summary:

Owner/operator name: NYC DEPT OF PARKS & REC
Owner/operator address: ROOSEVELT AVE
QUEENS, NY 11368
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1909
Owner/Op end date: Not reported

Owner/operator name: NYC DEPT OF PARKS & RECREATION
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: 07/31/1935
Owner/Op end date: Not reported

Owner/operator name: NYC DEPT OF PARKS & RECREATION
Owner/operator address: OLMSTED CENTER FLUSHING MEADOW CORONA PARK
FLUSHING, NY 11368
Owner/operator country: US
Owner/operator telephone: (718) 760-6828
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 07/31/1935
Owner/Op end date: Not reported

Owner/operator name: NYC DEPT OF PARKS & REC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1909
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 ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF PARKS (Continued)

1014399843

Used oil transporter: No

Historical Generators:

Date form received by agency: 12/01/2010
Facility name: NYC DEPT OF PARKS
Site name: RENOVATION OF MCCARREN POOL & BATHHOUSE
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D008
Waste name: LEAD

Waste code: D008
Waste name: LEAD

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D008
Waste name: LEAD
Amount (Lbs): 21500

Violation Status: No violations found

V100
West
1/8-1/4
0.143 mi.
756 ft.

MCCARREN PARK POOL
776 LORIMER STREET
BROOKLYN, NY 11222
Site 3 of 3 in cluster V

NY UST **U004177701**
N/A

Relative:
Lower

UST:
Id/Status: 2-611514 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: Not reported
UTM Y: Not reported

Actual:
14 ft.

Affiliation Records:

Site Id: 445308
Affiliation Type: Facility Owner
Company Name: NYC DEPT OF PARKS & RECREATION
Contact Type: Not reported
Contact Name: Not reported
Address1: OLMSTED CTR,FLUSHING MEADOWS: CORONA PARK
Address2: Not reported
City: FLUSHING
State: NY
Zip Code: 11368
Country Code: 001
Phone: (718) 760-6725
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 4/19/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCCARREN PARK POOL (Continued)

U004177701

Site Id: 445308
Affiliation Type: Mail Contact
Company Name: LANGAN ENGINEERING & ENVIRONMENTAL SERVICES
Contact Type: Not reported
Contact Name: JASON HAYES
Address1: 21 PENN PLAZA
Address2: 366 WEST 31ST STREET, 8TH FLOOR
City: NEW YORK
State: NY
Zip Code: 10001
Country Code: 001
Phone: (212) 479-5400
EMail: JAHAYES@LANGAN.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 11/1/2011

Site Id: 445308
Affiliation Type: On-Site Operator
Company Name: MCCARREN PARK POOL
Contact Type: Not reported
Contact Name: NYC PARKS & RECREATION
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 760-6725
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 11/1/2011

Site Id: 445308
Affiliation Type: Emergency Contact
Company Name: NYC PARKS AND RECREATION
Contact Type: Not reported
Contact Name: JOHN NATOLI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 760-6725
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 11/1/2011

Tank Info:

Tank Number: 01
Tank ID: 238122
Tank Status: Closed - In Place
Capacity Gallons: 10000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCCARREN PARK POOL (Continued)

U004177701

Install Date: 10/24/1935
Date Tank Closed: 10/06/2011
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: 11/01/2011

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
F00 - Pipe External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C02 - Pipe Location - Underground/On-ground

Tank Number: 02
Tank ID: 241532
Tank Status: Closed - Removed
Capacity Gallons: 2500
Install Date: 07/31/1936
Date Tank Closed: 09/29/2011
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
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: 11/01/2011

Equipment Records:

L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCCARREN PARK POOL (Continued)

U004177701

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

S101
North
1/8-1/4
0.149 mi.
785 ft.

ROYS REBUILT & ALTERNATORS
75 ECKFORD STREET
BROOKLYN, NY 11222
Site 3 of 4 in cluster S

NY AST **A100295868**
N/A

Relative:
Higher

AST:

Actual:
17 ft.

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-607449
Program Type: PBS
UTM X: 588836.69900999998
UTM Y: 4508464.6144399997
Expiration Date: 2007/02/25

Affiliation Records:

Site Id: 29301
Affiliation Type: Facility Owner
Company Name: OSWALD SIBBLIES
Contact Type: Not reported
Contact Name: Not reported
Address1: 459 EAST 92ND STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11212
Country Code: 001
Phone: (718) 342-1683
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 29301
Affiliation Type: Mail Contact
Company Name: ROYS REBUILT & ALTERNATIONS
Contact Type: Not reported
Contact Name: OSWALD SIBBLIES
Address1: 75 ECKFORD STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 963-0538
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 29301
Affiliation Type: On-Site Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROYS REBUILT & ALTERNATORS (Continued)

A100295868

Company Name: ROYS REBUILT & ALTERNATORS
Contact Type: Not reported
Contact Name: OSWALD SIBBLIES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 963-0538
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 29301
Affiliation Type: Emergency Contact
Company Name: OSWALD SIBBLIES
Contact Type: Not reported
Contact Name: OSWALD SIBBLIES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 963-0538
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank Id: 62989
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
D00 - Pipe Type - No Piping
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G99 - Tank Secondary Containment - Other
I00 - Overfill - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/2002
Capacity Gallons: 250

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROYS REBUILT & ALTERNATORS (Continued)

A100295868

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

S102
North
1/8-1/4
0.149 mi.
785 ft.

75 ECKFORD ST
BROOKLYN, NY 11222

EDR US Hist Auto Stat 1015624504
N/A

Site 4 of 4 in cluster S

Relative:
Higher

EDR Historical Auto Stations:

Name: P & R AUTO REPAIR
Year: 1999
Address: 75 ECKFORD ST

Name: P & R AUTO REPAIR
Year: 2000
Address: 75 ECKFORD ST

Name: P & R AUTO REPAIR
Year: 2001
Address: 75 ECKFORD ST

Name: ROYS AUTO
Year: 2005
Address: 75 ECKFORD ST

Name: ROYS AUTO
Year: 2008
Address: 75 ECKFORD ST

Name: P & R AUTO REPAIR
Year: 2010
Address: 75 ECKFORD ST

Name: P & R AUTO REPAIR
Year: 2012
Address: 75 ECKFORD ST

T103
NNW
1/8-1/4
0.152 mi.
804 ft.

JOHN HULEY
498 LEONARD ST
BROOKLYN, NY

NY LTANKS S108076226
NY Spills N/A
NY E DESIGNATION

Site 2 of 5 in cluster T

Relative:
Higher

LTANKS:

Site ID: 265770
Spill Number/Closed Date: 0212132 / 9/26/2006
Spill Date: 3/10/2003

Actual:
16 ft.

Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
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

JOHN HULEY (Continued)

S108076226

Willing Responsible Party. Corrective action taken.

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: VSZHUNE
Referred To: Not reported
Reported to Dept: 3/10/2003
CID: 405
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: 3/10/2003
Spill Record Last Update: 10/16/2006
Spiller Name: JILL HUEY
Spiller Company: BRUMAR SHEET METAL INC
Spiller Address: 498 LEONARD ST
Spiller City,St,Zip: BROOKLYN, NY 11222-
Spiller County: 001
Spiller Contact: JILL HUEY
Spiller Phone: (718) 782-9052
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 30480
DEC Memo: 01/27/2006 Kuldeep received the Fax from Brumer, but again information not adequate and need more follow up.01/23/2006 Kuldeep sent a letterfor more information.01/09/2006 Kuldeep Gupta- Facility Faxed on -01/06/2006 copy of consent Order.Region 2 Nick Lombardo on 01/09/2006 Faxed Report of 5000 gallon Tank Test report of 01/05/2004.01/06/06 Kuldeep Gupta talked to Ms. Jill Huey and she need a letter in writingwhat document we need. She wanted to fax it at 1-718-486-6862. DEC Faxed the letter as requested. Kuldeep discussed with Philip Lodico Senior Attorney DECand found Consent order signed on 03/24/2003 for not this spill.Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"Does not appear on PBS database. Called Jill Huey. She stated that she received a Consent Order to bring the facility in compliance with state laws. The tank is 5000 gallons. 3/11/2003 ars.DEC Sigona sent TTF notice on March 14, 2003.9/11/06 This case was transfered from Albany to Region 2. Zhune spoke to Jill Huey (ph: 718-9052) She doesn't want phone calls. She wants every thing by writing. 9/11/06 A TTF letter was sending to :Jill Huey 498 Leonard Street Brooklyn, NY 1122209/18/06 Ms. Huey sent a package of documents the passing tank test from 2003 was missing. 09/19/06 I sent a letter requesting her the tank test results from 2003. 09/22/03 Ms. Huey sent a package of 8 pages including the passing tank test results from 2003, letters stated the following: The system test passed. After the system test failed in October due to a vent bad line, we decided to replace all pipes just to be sure we would pass. Also we would like to convey to your department that no contamination was detected in our system.What was the cause of the tank test failure on March 3, 2003?Water in tank issue. Piping needed to be replaced was replaced and systems test passed as a result of replacement. 09/27/06 This case was closed for V. Zhune in accordance with J. Vought.

Remarks: RECCOMEND CLEAN TANK DISCONNECT PIPING AND RETEST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN HULEY (Continued)

S108076226

Material:

Site ID: 265770
Operable Unit ID: 865591
Operable Unit: 01
Material ID: 511867
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: 470012
Spill Number/Closed Date: 1206982 / Not Reported
Spill Date: 10/16/2012
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: TJDMEEO
Referred To: Not reported
Reported to Dept: 10/16/2012
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 1
Date Entered In Computer: 10/16/2012
Spill Record Last Update: 10/18/2012
Spiller Name: Not reported
Spiller Company: COMMERCIAL PROPERTY
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: JEFF MCKENZIE
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 422283
DEC Memo: Not reported
Remarks: 5000 gal ust

Material:

Site ID: 470012
Operable Unit ID: 1219887

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN HULEY (Continued)

S108076226

Operable Unit: 01
Material ID: 2218448
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:

SPILLS:

Facility ID: 1205075
DER Facility ID: 422283
Facility Type: ER
Site ID: 467988
DEC Region: 2
Spill Date: 8/20/2012
Spill Number/Closed Date: 1205075 / Not Reported
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: TJDMEEO
Referred To: Not reported
Reported to Dept: 8/20/2012
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: 8/20/2012
Spill Record Last Update: 8/28/2012
Spiller Name: EZGY KARAYEL
Spiller Company: JOHN HULEY
Spiller Address: 498 LEONARD ST
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 999
Contact Name: EZGY KARAYEL
Contact Phone: 7186360800
DEC Memo: Sangesland spoke to Ezgy (As-Gee). (See eDocs for Phase 2 Report) She said the property is a 2 story industrial building being sold to a developer who will tear it down for a new residential building. City has placed an "e-designation" on the property because it's changing from industrial to residential. Problem is associated with leaking from a 5,000 gal buried oil tank. Hydro Tech was hired by the potential buyer and found contamination. Hydro Tech will continue to

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN HULEY (Continued)

S108076226

Remarks: work on the site and come up with a plan to solve the spill problems and close them out.
tank is in place, soil samples confirm contamination

Material:
Site ID: 467988
Operable Unit ID: 1217925
Operable Unit: 01
Material ID: 2216273
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

E DESIGNATION:

Tax Lot(s): 11
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: 499
Census Block: 1003
School District: 14
City Council District: 33
Fire Company: E229
Health Area: 30
Police Precinct: 094
Zone District 1: M1-2/R6A
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/R6A/MX-8
All Components2: Not reported
Split Boundary Indicator: N
Building Class: F4
Land Use Category: 06
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: JOHN HUEY
Lot Area: 000007400
Total Building Floor Area: 00000008460

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN HULEY (Continued)

S108076226

Commercial Floor Area: 00000008460
Office Floor Area: 00000001060
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000007400
Other Floor Area: 00000000000
Floor Area, Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.00
Residential Units: 00000
Non and Residential Units: 00001
Lot Frontage: 0074.00
Lot Depth: 0100.00
Building Frontage: 0074.00
Building Depth: 0100.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000036450
Total Assessed Value: 00000099900
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1929
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: 0001.14
Maximum Allowable Far: 03.00
Borough Code: 3
Borough Tax Block And Lot: 3026980011
Condominium Number: 00000
Census Tract 2: 0499
X Coordinate: 0998459
Y Coordinate: 0202365
Zoning Map: 13A
Sanborn Map: 304 039
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

104
ENE
1/8-1/4
0.153 mi.
809 ft.

550 HUMBOLDT ST
BROOKLYN, NY 11222

EDR US Hist Auto Stat 1015549870
N/A

Relative:
Higher

EDR Historical Auto Stations:

Name: HUMBOLDT MEEKER SVCE STATION
Year: 1999
Address: 550 HUMBOLDT ST

Actual:
22 ft.

Name: HUMBOLDT MEEKER SERVICE STATION
Year: 2000
Address: 550 HUMBOLDT ST

Name: HUMBOLDT MEEKER SERVICE STATION
Year: 2005
Address: 550 HUMBOLDT ST

Name: HUMBOLDT MEEKER SERVICE STATION
Year: 2006
Address: 550 HUMBOLDT ST

Name: HUMBOLDT MEEKER SERVICE STATION
Year: 2007
Address: 550 HUMBOLDT ST

T105
NNW
1/8-1/4
0.153 mi.
810 ft.

BRUMAR SHEET METAL
498 LEONARD STREET
BROOKLYN, NY 11222

NY UST U004046231
N/A

Site 3 of 5 in cluster T

Relative:
Higher

UST:

Id/Status: 2-608752 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2018/04/02
UTM X: 588767.7151099999
UTM Y: 4508442.3712099995

Actual:
16 ft.

Affiliation Records:

Site Id: 30603
Affiliation Type: Mail Contact
Company Name: BRUMAR SHEET METAL, INC.
Contact Type: Not reported
Contact Name: JILL HUEY
Address1: 498 LEONARD STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 782-9052
EMail: BSM498@AOL.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 12/31/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRUMAR SHEET METAL (Continued)

U004046231

Site Id: 30603
Affiliation Type: On-Site Operator
Company Name: BRUMAR SHEET METAL
Contact Type: Not reported
Contact Name: JOHN HUEY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 782-9052
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 30603
Affiliation Type: Emergency Contact
Company Name: JOHN & CAROL HUEY
Contact Type: Not reported
Contact Name: JILL HUEY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 782-9152
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 12/22/2008

Site Id: 30603
Affiliation Type: Facility Owner
Company Name: JOHN HUEY
Contact Type: CORP SECRETARY
Contact Name: JILL HUEY
Address1: 31 TOTTENVILLE PLACE
Address2: Not reported
City: STATEN ISLAND
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 317-0639
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/18/2013

Tank Info:

Tank Number: 001
Tank ID: 65600
Tank Status: In Service
Capacity Gallons: 5000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRUMAR SHEET METAL (Continued)

U004046231

Install Date: 01/01/1929
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: 01/20/2010
Next Test Date: 01/20/2015
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 03/18/2013

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

U106
SW
1/8-1/4
0.156 mi.
824 ft.

68-70 RICHARDSON STREET CO.
68-70 RICHARDSON STREET
BROOKLYN, NY 11211

NY UST **U003065932**
NY HIST UST **N/A**

Site 5 of 6 in cluster U

Relative:
Lower

UST:
Id/Status: 2-602669 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 588767.17971000005
UTM Y: 4508005.5177999996

Actual:
15 ft.

Affiliation Records:

Site Id: 24625
Affiliation Type: Facility Owner
Company Name: 68-70 RICHARDSON STREET CO.
Contact Type: Not reported
Contact Name: Not reported
Address1: C/O 388 CLAYTON ROAD
Address2: Not reported
City: SCARSDALE
State: NY
Zip Code: 10583
Country Code: 001
Phone: (212) 594-1414
EMail: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

68-70 RICHARDSON STREET CO. (Continued)

U003065932

Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 24625
Affiliation Type: Mail Contact
Company Name: BERNSTEIN REAL ESTATE
Contact Type: Not reported
Contact Name: HARRY NADLER
Address1: 855 AVENUE OF THE AMERICAS
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10001
Country Code: 001
Phone: (212) 594-1414
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 24625
Affiliation Type: On-Site Operator
Company Name: 68-70 RICHARDSON STREET CO.
Contact Type: Not reported
Contact Name: HARRY NADLER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 594-1414
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 24625
Affiliation Type: Emergency Contact
Company Name: 68-70 RICHARDSON STREET CO.
Contact Type: Not reported
Contact Name: HARRY NADLER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 594-1414
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

68-70 RICHARDSON STREET CO. (Continued)

U003065932

Tank ID: 51047
Tank Status: Closed - In Place
Capacity Gallons: 1500
Install Date: Not reported
Date Tank Closed: 04/01/1997
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:

G00 - Tank Secondary Containment - None
I00 - Overfill - None
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
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None

HIST UST:

PBS Number: 2-602669
SPDES Number: Not reported
Emergency Contact: HARRY NADLER
Emergency Telephone: (212) 594-1414
Operator: HARRY NADLER
Operator Telephone: (212) 594-1414
Owner Name: 68-70 RICHARDSON STREET CO.
Owner Address: C/O 388 CLAYTON ROAD
Owner City,St,Zip: SCARSDALE, NY 10583
Owner Telephone: (212) 594-1414
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: BERNSTEIN REAL ESTATE
Mailing Address: 855 AVENUE OF THE AMERICAS
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10001
Mailing Contact: HARRY NADLER
Mailing Telephone: (212) 594-1414
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
Inspector: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

68-70 RICHARDSON STREET CO. (Continued)

U003065932

Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: Not reported
Expiration Date: 04/17/2001
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: 001
Tank Location: UNDERGROUND
Tank Status: Closed-In Place
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: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 04/01/1997
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

U107
SW
1/8-1/4
0.156 mi.
824 ft.

68 RICHARDSON STREET
68 RICHARDSON STREET
BROOKLYN, NY
Site 6 of 6 in cluster U

NY LTANKS S100879125
N/A

Relative:
Lower

LTANKS:
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.

Actual:
15 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

68 RICHARDSON STREET (Continued)

S100879125

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 10001-001
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 "MARTINKAT"CLOSURE LETTER DATED 7/30/2001. SMM
Remarks: 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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T108
NNW
1/8-1/4
0.157 mi.
830 ft.

LVSTIG BROS INC
501 LEONARD ST
BROOKLYN, NY 11222

RCRA NonGen / NLR
FINDS 1000411654
NYD001235951

Site 4 of 5 in cluster T

Relative:
Higher

RCRA NonGen / NLR:

Actual:
16 ft.

Date form received by agency: 01/01/2007
Facility name: LVSTIG BROS INC
Facility address: 501 LEONARD ST
BROOKLYN, NY 112223909
EPA ID: NYD001235951
Mailing address: LEONARD ST
BROOKLYN, NY 11222
Contact: Not reported
Contact address: LEONARD ST
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: WALTER LUSTIG
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: WALTER LUSTIG
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LVSTIG BROS INC (Continued)

1000411654

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
Facility name: LVSTIG BROS INC
Classification: Not a generator, verified

Date form received by agency: 07/28/1999
Facility name: LVSTIG BROS INC
Classification: Not a generator, verified

Date form received by agency: 07/01/1980
Facility name: LVSTIG BROS INC
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/28/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/09/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110004332874

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.

T109
NNW
1/8-1/4
0.157 mi.
830 ft.

501 LEONARD ST
BROOKLYN, NY 11222
Site 5 of 5 in cluster T

EDR US Hist Auto Stat 1015523978
N/A

Relative:
Higher

EDR Historical Auto Stations:
Name: UNICAR AUTO RPR SHOP
Year: 1999
Address: 501 LEONARD ST

Actual:
16 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015523978

Name: UNICAR AUTO RPR SHOP
Year: 2001
Address: 501 LEONARD ST

110
SSW
1/8-1/4
0.158 mi.
833 ft.

ALL BORO
391 LEONARD STREET
BROOKLYN, NY 11211

NY AST A100292993
N/A

Relative:
Higher

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-609713
Program Type: PBS
UTM X: 588815.73878000001
UTM Y: 4507987.0864700004
Expiration Date: 2014/09/30

Actual:
16 ft.

Affiliation Records:

Site Id: 59191
Affiliation Type: Facility Owner
Company Name: MICHAEL RICATTO
Contact Type: PRESIDENT
Contact Name: MICHAEL RICATTO
Address1: 391 LEONARD STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 387-0702
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 9/30/2004

Site Id: 59191
Affiliation Type: Mail Contact
Company Name: ALL BORO
Contact Type: Not reported
Contact Name: MICHAEL RICATTO
Address1: 391 LEONARD STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 387-0702
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 9/30/2004

Site Id: 59191
Affiliation Type: On-Site Operator
Company Name: ALLBORO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALL BORO (Continued)

A100292993

Contact Type: Not reported
Contact Name: MICHAEL RICATTO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 387-0702
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 9/30/2004

Site Id: 59191
Affiliation Type: Emergency Contact
Company Name: MICHAEL RICATTO
Contact Type: Not reported
Contact Name: MICHAEL RICATTO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 387-0702
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 9/30/2004

Tank Info:

Tank Number: 001
Tank Id: 180261
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
J00 - Dispenser - None
K00 - Spill Prevention - None
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
B04 - Tank External Protection - Fiberglass
F02 - Pipe External Protection - Original Sacrificial Anode
1
Tank Location:
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/13/1950
Capacity Gallons: 3000
Tightness Test Method: NN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALL BORO (Continued)

A100292993

Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: dxliving
Last Modified: 07/06/2009

W111
WSW
1/8-1/4
0.159 mi.
838 ft.

CON EDISON
LORIMER ST & BAYARD ST
BROOKLYN, NY 11222

RCRA-CESQG 1014396231
NYP004184115

Site 1 of 2 in cluster W

Relative:
Lower

RCRA-CESQG:

Date form received by agency: 07/14/2009

Facility name: CON EDISON

Actual:
14 ft.

Facility address: LORIMER ST & BAYARD ST
BROOKLYN, NY 11222

EPA ID: NYP004184115

Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003

Contact: CAROLINE ISKANDER

Contact address: Not reported

Contact country: Not reported

Contact telephone: (718) 666-4714

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396231

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

W112
WSW
1/8-1/4
0.162 mi.
854 ft.

AINTSAR REALTY
735 LORIMER STREET
BROOKLYN, NY 11211

NY AST **U001833953**
NY HIST AST **N/A**

Site 2 of 2 in cluster W

Relative:
Lower

AST:

Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-249157
Program Type: PBS
UTM X: 588701.65393000003
UTM Y: 4508063.2948700003
Expiration Date: N/A

Actual:
14 ft.

Affiliation Records:

Site Id: 9882
Affiliation Type: Mail Contact
Company Name: HYDRO TECH ENVIRONMENTAL CORP
Contact Type: Not reported
Contact Name: ANTOINETTE OLLIVIERRE
Address1: 1111 FULTON STREET, 2ND FLOOR
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11238
Country Code: 001
Phone: (718) 636-0800
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 12/20/2005

Site Id: 9882
Affiliation Type: On-Site Operator
Company Name: BAYARD PROPERTIES
Contact Type: Not reported
Contact Name: JOSEPH KRANZLER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (845) 369-7600
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 12/20/2005

Site Id: 9882
Affiliation Type: Emergency Contact

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AINTSAR REALTY (Continued)

U001833953

Company Name: BAYARD APARTMENTS LLC
Contact Type: Not reported
Contact Name: JOSEPH KRANZLER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (845) 369-7600
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 12/20/2005

Site Id: 9882
Affiliation Type: Facility Owner
Company Name: BAYARD APARTMENTS LLC
Contact Type: CHIEF OPERTING OFFICER
Contact Name: JOSEPH KRANZLER
Address1: 400 RELLA BOULEVARD
Address2: Not reported
City: MONTEBELLO
State: NY
Zip Code: 10901
Country Code: 001
Phone: (845) 369-7600
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 12/20/2005

Tank Info:

Tank Number: 001
Tank Id: 10375
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
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: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 5000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AINTSAR REALTY (Continued)

U001833953

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 03/15/2005
Register: True
Modified By: KXTANG
Last Modified: 12/20/2005

HIST AST:

PBS Number: 2-249157
SWIS Code: 6101
Operator: SVETORSAR
Facility Phone: (917) 532-5359
Facility Addr2: 735 LORIMER STREET
Facility Type: OTHER
Emergency: FRAIDY TAUBER
Emergency Tel: (914) 425-1362
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: AINTSAR REALTY CORP
Owner Address: P O BOX 215
Owner City,St,Zip: MONSEY, NY 10952
Federal ID: Not reported
Owner Tel: (914) 425-1362
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: MAYER STEG
Mailing Name: AINTSAR REALTY CORP
Mailing Address: P O BOX 215
Mailing Address 2: Not reported
Mailing City,St,Zip: MONSEY, NY 10952
Mailing Telephone: (914) 425-1362
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: 04/03/2000
Expiration: 07/07/2002
Renew Flag: False
Renew 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 Code: 01
Region: 2

Tank ID: 001
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AINTSAR REALTY (Continued)

U001833953

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: 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

X113
South
1/8-1/4
0.163 mi.
859 ft.

372 MEEKER AVE
BROOKLYN, NY 11211

Site 1 of 3 in cluster X

EDR US Hist Auto Stat 1015454846
N/A

Relative:
Higher

EDR Historical Auto Stations:

Actual:
17 ft.

Name: LEE MYLES TRANSMISSIONS
Year: 1999
Address: 372 MEEKER AVE

Name: A MEEKER AVENUE TRANSMISSIONS
Year: 2000
Address: 372 MEEKER AVE

Name: A MEEKER AVENUE TRANSMISSIONS INC
Year: 2001
Address: 372 MEEKER AVE

Name: MEEKER AVE TRANSMISSIONS INC
Year: 2002
Address: 372 MEEKER AVE

Name: MEEKER AVE TRANSMISSIONS INC
Year: 2003
Address: 372 MEEKER AVE

Name: MEEKER AVE TRANSMISSIONS INC
Year: 2004
Address: 372 MEEKER AVE

Name: MEEKER AVENUE TRANSMISSIONS
Year: 2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015454846

Address: 372 MEEKER AVE

X114
South
1/8-1/4
0.164 mi.
865 ft.

CONSOLIDATED EDISON
MEEKER AVE AND FROST ST
BROOKLYN, NY 11211

NY MANIFEST S108650787
N/A

Site 2 of 3 in cluster X

Relative:
Higher

NY MANIFEST:

EPA ID: NYP004150322

Country: USA

Actual:
17 ft.

Mailing Name: CONSOLIDATED EDISON

Mailing Contact: FRANKLYN MURRAY

Mailing Address: 4 IRVING PLACE RM 828

Mailing Address 2: Not reported

Mailing City: NEW YORK

Mailing State: NY

Mailing Zip: 10003

Mailing Zip4: Not reported

Mailing Country: USA

Mailing Phone: 212-460-2808

Document ID: Not reported

Manifest Status: Not reported

Trans1 State ID: NJD003812047

Trans2 State ID: Not reported

Generator Ship Date: 2007-05-03

Trans1 Recv Date: 2007-05-03

Trans2 Recv Date: Not reported

TSD Site Recv Date: 2007-05-09

Part A Recv Date: Not reported

Part B Recv Date: Not reported

Generator EPA ID: NYP004150322

Trans1 EPA ID: Not reported

Trans2 EPA ID: Not reported

TSD ID: NYD049836679

Waste Code: Not reported

Quantity: 1794.0

Units: K - Kilograms (2.2 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: 2007

Manifest Tracking Num: 000180281GBF

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: H135

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CONSOLIDATED EDISON (Continued)

S108650787

Document ID: Not reported
 Manifest Status: Not reported
 Trans1 State ID: NJD003812047
 Trans2 State ID: Not reported
 Generator Ship Date: 5/3/2007
 Trans1 Recv Date: 5/3/2007
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 5/9/2007
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP004150322
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSD ID: NYD049836679
 Waste Code: Not reported
 Quantity: 1794
 Units: K - Kilograms (2.2 pounds)
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Year: 2007
 Manifest Tracking Num: 000180281GBF
 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: H135

X115
South
1/8-1/4
0.164 mi.
865 ft.

CON EDISON MANHOLE 64805
MEEKER AVE & FROST ST
BROOKLYN, NY 11211
Site 3 of 3 in cluster X

RCRA NonGen / NLR 1010787507
NYP004150322

Relative:
Higher

RCRA NonGen / NLR:
 Date form received by agency: 03/15/2008
 Facility name: CON EDISON MANHOLE 64805
 Facility address: MEEKER AVE & FROST ST
 BROOKLYN, NY 11211

Actual:
17 ft.

EPA ID: NYP004150322
 Mailing address: 4 IRVING PL, RM 828
 NEW YORK, NY 10003
 Contact: DANIEL PONTECORVO
 Contact address: 4 IRVING PL, RM 828
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 64805 (Continued)

1010787507

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: Operator
Owner/Op start date: 05/02/2007
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: Owner
Owner/Op start date: 05/02/2007
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: 03/14/2008
Facility name: CON EDISON MANHOLE 64805
Site name: CON EDISON
Classification: Unverified

Date form received by agency: 02/21/2008
Facility name: CON EDISON MANHOLE 64805
Site name: CON EDISON - MANHOLE 64805
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: B002
Waste name: B002

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

116
SW
1/8-1/4
0.166 mi.
875 ft.

61 RICHARDSON ST
BROOKLYN, NY 11211

EDR US Hist Auto Stat 1015574108
N/A

Relative:
Lower
Actual:
15 ft.

EDR Historical Auto Stations:

Name: ABLE ENGINE REBUILDING & PARTS
Year: 1999
Address: 61 RICHARDSON ST

Name: ABLE ENGINE REBUILDING & PARTS
Year: 2000
Address: 61 RICHARDSON ST

Name: ABLE ENGINE REBUILDERS INC
Year: 2004
Address: 61 RICHARDSON ST

Name: ABLE ENGINE REBUILDERS INC
Year: 2009
Address: 61 RICHARDSON ST

117
East
1/8-1/4
0.170 mi.
900 ft.

MOBIL OIL CORP SS #FX9
550 HUMBOLDT ST
BROOKLYN, NY 11222

RCRA NonGen / NLR 1000553844
NY LTANKS NYD986962785
NY UST
NY Spills

Relative:
Higher
Actual:
23 ft.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL OIL CORP SS #FX9 (Continued)

1000553844

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
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
Facility name: MOBIL OIL CORP SS #FX9
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: MOBIL OIL CORP SS #FX9
Classification: Not a generator, verified

Date form received by agency: 04/10/1991
Facility 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

MAP FINDINGS

MOBIL OIL CORP SS #FX9 (Continued)

1000553844

<p>Spill Notifier: Last Inspection: Recommended Penalty: UST Involvement: Remediation Phase: Date Entered In Computer: Spill Record Last Update: Spiller Name: Spiller Company: Spiller Address: Spiller City,St,Zip: Spiller County: Spiller Contact: Spiller Phone: Spiller Extention: DEC Region: DER Facility ID: DEC Memo:</p>	<p>Responsible Party Not reported False True 4 10/31/1990 12/26/2012 MELISSA TACCHINO EXXONMOBIL OIL CORP 1545 ROUTE 22 EAST ANNANDALE, NJ 08801 001 Not reported Not reported Not reported 2 301050 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</p>
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL OIL CORP SS #FX9 (Continued)

1000553844

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. (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 plumeAugust 2010 - received Supplemental Subsurface Investigation Work Plan. Under review11-4-10 - Austin - Had a discussion with Sally Dewes of DEC/Albany - Sampling at this site recently yielded the discovery of ethanol, indicating that there

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL OIL CORP SS #FX9 (Continued)

1000553844

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 - endMarch 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 thicknessMay 2011 - Work plan overdueJune 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 detectionsNovember 2011 - Feasibility Report due in DecemberDecember 2011 - Feasibility Report under reviewJanuary 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 evaluatedMarch 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 propertiesMay 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 yearsDecember 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

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
Recovered: Not reported
Resource Affected: 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

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: 2017/02/01
UTM X: 589161.48621
UTM Y: 4508307.6923900004

Affiliation Records:
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) 389-0395
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 11/30/2009

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL OIL CORP SS #FX9 (Continued)

1000553844

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: 3/22/2012

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 AVENUE
City: GREENSBORO
State: NC
Zip Code: 27420
Country Code: 001
Phone: (800) 253-8054
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/22/2012

Tank Info:

Tank Number: 001
Tank ID: 29854
Tank Status: 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
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
I00 - Overfill - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None

Tank Number: 002
Tank ID: 29855
Tank Status: 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
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 003
Tank ID: 29856
Tank Status: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL OIL CORP SS #FX9 (Continued)

1000553844

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
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 004
Tank ID: 29857
Tank Status: 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
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 005
Tank ID: 29858
Tank Status: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL OIL CORP SS #FX9 (Continued)

1000553844

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
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 006
Tank ID: 29859
Tank Status: 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
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 007
Tank ID: 29860
Tank Status: 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: 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
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 008
Tank ID: 29861
Tank Status: 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
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 009
Tank ID: 29862

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL OIL CORP SS #FX9 (Continued)

1000553844

Tank Status: 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
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 010
Tank ID: 29863
Tank Status: 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
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External 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

Tank Number: 011
Tank ID: 29864
Tank Status: 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
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 012
Tank ID: 29865
Tank Status: 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
I00 - Overfill - 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

MOBIL OIL CORP SS #FX9 (Continued)

1000553844

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 013
Tank ID: 29866
Tank Status: 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
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 014
Tank ID: 29867
Tank Status: 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: 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:

G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External 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

I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 015
Tank ID: 29868
Tank Status: 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:

G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 016
Tank ID: 227975
Tank Status: 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: MSBAPTIS
Last Modified: 04/08/2009

Equipment Records:

E04 - Piping 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

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
I03 - Overfill - Automatic Shut-Off
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring

Tank Number: 017
Tank ID: 227976
Tank Status: 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: 03/22/2012

Equipment Records:

E04 - Piping Secondary Containment - Double-Walled (Underground)
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
I03 - Overfill - Automatic Shut-Off
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

Tank Number: 018
Tank ID: 227977
Tank Status: In Service
Capacity Gallons: 8000
Install Date: 04/01/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL OIL CORP SS #FX9 (Continued)

1000553844

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: 03/22/2012

Equipment Records:

E04 - Piping Secondary Containment - Double-Walled (Underground)
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
I03 - Overfill - Automatic Shut-Off
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring

Tank Number: 019
Tank ID: 227978
Tank Status: 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: 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: 03/22/2012

Equipment Records:

E04 - Piping Secondary Containment - Double-Walled (Underground)
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL OIL CORP SS #FX9 (Continued)

1000553844

A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
I03 - Overfill - Automatic Shut-Off
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

Tank Number: 100
Tank ID: 41992
Tank Status: 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:

B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
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: 200
Tank ID: 41993
Tank Status: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL OIL CORP SS #FX9 (Continued)

1000553844

Date Test: 10/22/2003
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 10/16/2007

Equipment Records:

B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
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: 300
Tank ID: 41994
Tank Status: 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: 10/06/2003
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 10/16/2007

Equipment Records:

B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
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

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: 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:

B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
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: 500
Tank ID: 41996
Tank Status: 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:

B04 - Tank External Protection - Fiberglass
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
E00 - Piping Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL OIL CORP SS #FX9 (Continued)

1000553844

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: 600
Tank ID: 41997
Tank Status: 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:

B04 - Tank External Protection - Fiberglass
I05 - Overfill - Vent Whistle
G04 - Tank Secondary Containment - Double-Walled (Underground)
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
D10 - Pipe Type - Copper
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin

Tank Number: 600A
Tank ID: 56134
Tank Status: Administratively Closed
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL OIL CORP SS #FX9 (Continued)

1000553844

Last Modified: 05/21/2007

Equipment Records:

F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
G04 - Tank Secondary Containment - Double-Walled (Underground)
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
B04 - Tank External Protection - Fiberglass
I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Number: 700
Tank ID: 50672
Tank Status: 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

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:

A00 - Tank Internal Protection - None
E00 - Piping Secondary Containment - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
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
B04 - Tank External Protection - Fiberglass
I00 - Overfill - None
L00 - Piping Leak Detection - None

SPILLS:

Facility ID: 1011266
DER Facility ID: 399959
Facility Type: ER
Site ID: 444909
DEC Region: 2
Spill Date: 2/9/2011
Spill Number/Closed Date: 1011266 / 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

Spill Cause: Unknown
Spill Class: Not reported
SWIS: 2401
Investigator: RVKETANI
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: 9/21/2012
Spiller Name: Not reported
Spiller Company: SUNOCO SERVICE STATION
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
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 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

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
DER Facility ID: 301050
Facility Type: ER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL OIL CORP SS #FX9 (Continued)

1000553844

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
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Y118
North
1/8-1/4
0.171 mi.
904 ft.

**CARTER SPRAY-257 DRIGGS AVE
257 DRIGGS AVE
BROOKLYN, NY 11222**

**RCRA NonGen / NLR
FINDS
US AIRS**

**1000400684
NYD980593073**

Site 1 of 4 in cluster Y

**Relative:
Higher**

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007

Facility name: CARTER SPRAY FINISHING CORP

Facility address: 257 DRIGGS AVE
BROOKLYN, NY 112224608

EPA ID: NYD980593073

Mailing address: ECKFORD ST
BROOKLYN, NY 11222

Contact: Not reported

Contact address: ECKFORD ST
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: 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
User oil refiner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY-257 DRIGGS AVE (Continued)

1000400684

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
Facility name: CARTER SPRAY FINISHING CORP
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: CARTER SPRAY FINISHING CORP
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Facility name: CARTER SPRAY FINISHING CORP
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/30/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110001599690

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.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY-257 DRIGGS AVE (Continued)

1000400684

environmental facility information found across the State.

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID: 110001599690
Plant name: CARTER SPRAY-257 DRIGGS AVE
Plant address: 257 DRIGGS AVE
BROOKLYN, NY 11222
County: KINGS
Region code: 02
Dunn & Bradst #: Not reported
Air quality cntrl region: 043
Sic code: 3471
Sic code desc: PLATING AND POLISHING
North Am. industrial classf: 332813
NAIC code description: Electroplating, Plating, Polishing, Anodizing, and Coloring
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: MACT (SECTION 63 NESHAPS)
National action type: PCE/OFF-SITE
Date achieved: 000111
Penalty amount: 000000000

Air program: MACT (SECTION 63 NESHAPS)
National action type: PCE/OFF-SITE
Date achieved: 000612
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: EPA CONDUCTED FCE / ON-SITE
Date achieved: 031215
Penalty amount: Not reported

Air program: MACT (SECTION 63 NESHAPS)
National action type: PCE/OFF-SITE
Date achieved: 070608
Penalty amount: Not reported

Air program: MACT (SECTION 63 NESHAPS)
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 990216
Penalty amount: 000000000

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY-257 DRIGGS AVE (Continued)

1000400684

Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1001
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1002
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1003
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	M

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARTER SPRAY-257 DRIGGS AVE (Continued)

1000400684

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: M

Y119
North
1/8-1/4
0.173 mi.
914 ft.

258 DRIGGS AVE
BROOKLYN, NY 11222

Site 2 of 4 in cluster Y

EDR US Hist Cleaners 1015029508
N/A

Relative:
Higher

EDR Historical Cleaners:

Name: SYDS CLEANERS
Year: 1999

Actual:
17 ft.

Address: 258 DRIGGS AVE

Name: HTN CLEANERS & LAUNDROMAT
Year: 2003
Address: 258 DRIGGS AVE

Name: HTN CLEANERS & LAUNDROMAT INC
Year: 2005
Address: 258 DRIGGS AVE

Name: DRIGGS AVE LAUNDROMAT & DRY
Year: 2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015029508

Address: 258 DRIGGS AVE
Name: DRIGGS AVE LAUNDROMAT & DRY CLEANERS
Year: 2011
Address: 258 DRIGGS AVE
Name: DRIGGS AVE LAUNDROMAT & DRY CLEANERS
Year: 2012
Address: 258 DRIGGS AVE

Y120
North
1/8-1/4
0.173 mi.
914 ft.

VANITY CLEANERS
258 DRIGGS AVENUE
BROOKLYN, NY 11222
Site 3 of 4 in cluster Y

NY MANIFEST S110248074
NY DRYCLEANERS N/A

Relative:
Higher

NY MANIFEST:
EPA ID: NYD982184954
Country: USA
Mailing Name: VANITY CLEANERS
Mailing Contact: VANITY CLEANERS
Mailing Address: 258 DRIGGS AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11222
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-383-3140

Actual:
17 ft.

NY MANIFEST:
No Manifest Records Available

DRYCLEANERS:
Facility ID: 2-6101-00956
Phone Number: 718-349-1358
Region: Not reported
Registration Effective Date: N/A
Inspection Date: 04JULY28
Install Date: Not reported
Drop Shop: Y
Shutdown: Not reported
Alternate Solvent: Not reported
Current Business: Not reported

Y121
North
1/8-1/4
0.173 mi.
914 ft.

T & N FRENCH CLEANERS
258 DRIGGS AVE
BROOKLYN, NY 11222
Site 4 of 4 in cluster Y

RCRA-CESQG 1004756800
PA MANIFEST NYD982184954
US AIRS

Relative:
Higher

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: T & N FRENCH CLEANERS
Facility address: 258 DRIGGS AVE

Actual:
17 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T & N FRENCH CLEANERS (Continued)

1004756800

EPA ID: BROOKLYN, NY 11222
NYD982184954
Mailing address: DRIGGS AVE
BROOKLYN, NY 11222
Contact: TONY HADDAD
Contact address: DRIGGS AVE
BROOKLYN, NY 11222
Contact country: US
Contact telephone: (718) 383-7863
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: TONY HADDAD
Owner/operator address: 258 DRIGGS AVE
BROOKLYN, NY 11222
Owner/operator country: US
Owner/operator telephone: (718) 383-7863
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: TONY HADDAD
Owner/operator address: 258 DRIGGS AVE
BROOKLYN, NY 11222
Owner/operator country: US
Owner/operator telephone: (718) 383-7863
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T & N FRENCH CLEANERS (Continued)

1004756800

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
Facility name: T & N FRENCH CLEANERS
Classification: Not a generator, verified

Date form received by agency: 07/28/1992
Facility name: T & N FRENCH CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

PA MANIFEST:

Year: 2006
Manifest Number: 000180733GBF
Manifest Type: T
Generator EPA Id: NYD982184954
Generator Date: 12/06/2006
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD Epa Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: 718-383-7863
Page Number: 1
Line Number: 1
Waste Number: D005
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 1000
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2006
Manifest Number: 000015843GBF
Manifest Type: T
Generator EPA Id: NYD982184954
Generator Date: 10/23/2006
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T & N FRENCH CLEANERS (Continued)

1004756800

TSD Epa Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: 718-383-7863
Page Number: 1
Line Number: 1
Waste Number: D039
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 50
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2006
Manifest Number: 000180733GBF
Manifest Type: T
Generator EPA Id: NYD982184954
Generator Date: 12/06/2006
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD Epa Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: 718-383-7863
Page Number: 1
Line Number: 1
Waste Number: D008
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 1000
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2006
Manifest Number: 000180733GBF
Manifest Type: T
Generator EPA Id: NYD982184954
Generator Date: 12/06/2006
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD Epa Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T & N FRENCH CLEANERS (Continued)

1004756800

TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: 718-383-7863
Page Number: 1
Line Number: 1
Waste Number: D006
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 1000
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2006
Manifest Number: 000180733GBF
Manifest Type: T
Generator EPA Id: NYD982184954
Generator Date: 12/06/2006
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD Epa Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: 718-383-7863
Page Number: 1
Line Number: 1
Waste Number: D007
Container Number: 1
Container Type: Cargo tanks (tank trucks)
Waste Quantity: 1000
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2006
Manifest Number: 000180680GBF
Manifest Type: T
Generator EPA Id: NYD982184954
Generator Date: 12/14/2006
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD Epa Id: NJ0000027193
TSD Date: Not reported
TSD Facility Name: CLEAN VENTURE INC
TSD Facility Address: 201 SOUTH FIRST STREET
TSD Facility City: ELIZABETH
TSD Facility State: NJ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T & N FRENCH CLEANERS (Continued)

1004756800

Facility Telephone: 718-383-7863
Page Number: 1
Line Number: 1
Waste Number: D039
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 110
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

AIRS (AFS):

Airs Minor Details:

EPA plant ID: 110004534102
Plant name: HTN LAUNDRY & CLEANERS
Plant address: 258 DRIGGS AVENUE
BROOKLYN, NY 112224600
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: 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: 1001
Air prog code hist file: M

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T & N FRENCH CLEANERS (Continued)

1004756800

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1002
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1001
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1002
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1003
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1003
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T & N FRENCH CLEANERS (Continued)

1004756800

Hist compliance date:	1101
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	0

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Z122
North
1/8-1/4
0.174 mi.
920 ft.

CON EDISON MANHOLE M64806
GRAHAM AVE & DRIGGS ST
BROOKLYN, NY 11222

RCRA NonGen / NLR 1010326142
NY MANIFEST NYP004139374

Site 1 of 2 in cluster Z

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 07/07/2006

Facility name: CON EDISON MANHOLE M64806

Facility address: GRAHAM AVE & DRIGGS ST
BROOKLYN, NY 11222

EPA ID: NYP004139374

Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003

Contact: STEVEN MARTIS

Contact address: 4 IRVING PL, RM 828
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

Actual:
18 ft.

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: 07/06/2006

Facility name: CON EDISON MANHOLE M64806

Site name: CON EDISON

Classification: Not a generator, verified

Date form received by agency: 07/05/2006

Facility name: CON EDISON MANHOLE M64806

Site name: CON EDISON

Classification: Unverified

Violation Status: No violations found

NY MANIFEST:

EPA ID: NYP004139374

Country: USA

Mailing Name: CONSOLIDATED EDISON

Mailing Contact: FRANKLYN MURRAY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE M64806 (Continued)

1010326142

Mailing Address: 4 IRVNG PL RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NYE1607337
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 01/20/2006
Trans1 Recv Date: 01/20/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/23/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004139374
Trans1 EPA ID: 69526JR
Trans2 EPA ID: Not reported
TSD ID: NYD077444263
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 00050
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2006

Document ID: NYE1607337
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 01/20/2006
Trans1 Recv Date: 01/20/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/23/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004139374
Trans1 EPA ID: 69526JR
Trans2 EPA ID: Not reported
TSD ID: NYD077444263
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 00050
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Z123
North
1/8-1/4
0.174 mi.
920 ft.

CONSOLIDATED EDISON
DRIGGS AVE & GRAHAM AVE
BROOKLYN, NY

NY MANIFEST S107738171
N/A

Site 2 of 2 in cluster Z

Relative:
Higher

NY MANIFEST:
EPA ID: NYP004139556
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address: 4 IRVING PL RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Actual:
18 ft.

Document ID: NYE1559934
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 01/25/2006
Trans1 Recv Date: 01/25/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/26/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004139556
Trans1 EPA ID: 18887JU
Trans2 EPA ID: Not reported
TSD ID: NYD077444263
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 00037
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2006

Document ID: NYE1559934
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 01/25/2006
Trans1 Recv Date: 01/25/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/26/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004139556
Trans1 EPA ID: 18887JU
Trans2 EPA ID: Not reported
TSD ID: NYD077444263

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

S107738171

Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 00037
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2006

124
NNW
1/8-1/4
0.178 mi.
941 ft.

**285 DRIGGS AVE
BROOKLYN, NY 11222**

**EDR US Hist Auto Stat 1015389505
N/A**

**Relative:
Lower
Actual:
15 ft.**

EDR Historical Auto Stations:

Name: Z Z M AUTO REPR
Year: 1999
Address: 285 DRIGGS AVE

Name: Z Z M AUTO REPR
Year: 2000
Address: 285 DRIGGS AVE

Name: ZZM AUTO REPR
Year: 2001
Address: 285 DRIGGS AVE

Name: ZZM AUTO REPR
Year: 2002
Address: 285 DRIGGS AVE

Name: ZZM AUTO REPAIR
Year: 2003
Address: 285 DRIGGS AVE

125
SSE
1/8-1/4
0.178 mi.
942 ft.

**INTER MASTER CORP
387 MANHATTAN AVE.
BROOKLYN, NY 11211**

**NY UST U004118654
N/A**

**Relative:
Higher
Actual:
16 ft.**

UST:

Id/Status: 2-610788 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 588961.21979999996
UTM Y: 4507954.8142299997

Affiliation Records:

Site Id: 394906
Affiliation Type: Facility Owner
Company Name: HENRYK ZAWOJEK
Contact Type: PRES
Contact Name: HENRYK ZAWOJEK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTER MASTER CORP (Continued)

U004118654

Address1: 387 MANHATTAN AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 349-6291
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 3/13/2008

Site Id: 394906
Affiliation Type: Mail Contact
Company Name: INTER MASTER CORP
Contact Type: Not reported
Contact Name: HENRYK ZAWOJEK
Address1: 387 MANHATTAN AVE.
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 349-6291
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 3/13/2008

Site Id: 394906
Affiliation Type: On-Site Operator
Company Name: INTER MASTER CORP
Contact Type: Not reported
Contact Name: HENRYK ZAWOJEK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 349-6291
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 3/13/2008

Site Id: 394906
Affiliation Type: Emergency Contact
Company Name: HENRYK ZAWOJEK
Contact Type: Not reported
Contact Name: HENRYK ZAWOJEK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTER MASTER CORP (Continued)

U004118654

Phone: (718) 349-6291
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 3/13/2008

Tank Info:

Tank Number: 001
Tank ID: 222013
Tank Status: Closed - Removed
Capacity Gallons: 750
Install Date: 06/05/2003
Date Tank Closed: 03/05/2008
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: msbaptis
Last Modified: 03/13/2008

Equipment Records:

G00 - Tank Secondary Containment - None
J00 - Dispenser - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None
K00 - Spill Prevention - None
I00 - Overfill - None

Tank Number: 002
Tank ID: 222014
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: 06/05/2003
Date Tank Closed: 03/06/2008
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

INTER MASTER CORP (Continued)

U004118654

Pipe Model: Not reported
Modified By: msbaptis
Last Modified: 03/13/2008

Equipment Records:

- G00 - Tank Secondary Containment - None
- J00 - Dispenser - None
- H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
- L00 - Piping Leak Detection - None
- F00 - Pipe External Protection - None
- A00 - Tank Internal Protection - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- E00 - Piping Secondary Containment - None
- C02 - Pipe Location - Underground/On-ground
- B00 - Tank External Protection - None
- K00 - Spill Prevention - None
- I00 - Overfill - None

126
South
1/8-1/4
0.184 mi.
972 ft.

**336 MEEKER AVE
BROOKLYN, NY 11211**

**EDR US Hist Auto Stat 1015434174
N/A**

**Relative:
Higher
Actual:
17 ft.**

EDR Historical Auto Stations:

- Name: FROST COLLISION SVCE INCORPORATED
Year: 1999
Address: 336 MEEKER AVE
- Name: FROST COLLISION SVCE INCORPORATED
Year: 2000
Address: 336 MEEKER AVE
- Name: FROST COLLISION SERVICE INC
Year: 2001
Address: 336 MEEKER AVE
- Name: FROST COLLISION SERVICE INC
Year: 2003
Address: 336 MEEKER AVE
- Name: FROST COLLISION SERVICE INC
Year: 2004
Address: 336 MEEKER AVE
- Name: FROST COLLISION SERVICE INC
Year: 2005
Address: 336 MEEKER AVE
- Name: FROST COLLISION SERVICE INC
Year: 2006
Address: 336 MEEKER AVE
- Name: FROST COLLISION SERVICE INC
Year: 2007
Address: 336 MEEKER AVE
- Name: FROST COLLISION SERVICE INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015434174

Year: 2008
Address: 336 MEEKER AVE

Name: FROST COLLISION SERVICE INC
Year: 2009
Address: 336 MEEKER AVE

Name: FROST COLLISION SVC INC
Year: 2010
Address: 336 MEEKER AVE

Name: FROST COLLISION SVCE INC
Year: 2011
Address: 336 MEEKER AVE

Name: FROST COLLISION SVCE INC
Year: 2012
Address: 336 MEEKER AVE

127
NW
1/8-1/4
0.185 mi.
975 ft.

**E. CUCKER INC.
320 DRIGGS AVENUE
BROOKLYN, NY 11222**

NY AST A100293826
N/A

Relative:
Lower

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-608487
Program Type: PBS
UTM X: 588643.82767000003
UTM Y: 4508418.9068999998
Expiration Date: 2018/03/05

Actual:
14 ft.

Affiliation Records:
Site Id: 30339
Affiliation Type: Facility Owner
Company Name: ZUCKER ENTERPRISES, LLC
Contact Type: PRESIDENT
Contact Name: LEO ZUCKER
Address1: 320 DRIGGS AVE.
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 389-1940
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/18/2013

Site Id: 30339
Affiliation Type: Mail Contact
Company Name: E. CUCKER INC.
Contact Type: Not reported
Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E. CUCKER INC. (Continued)

A100293826

Address1: 320 DRIGGS AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 389-1940
EMail: ECUCKER@AOL.COM
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 3/11/2008

Site Id: 30339
Affiliation Type: On-Site Operator
Company Name: E. CUCKER INC.
Contact Type: Not reported
Contact Name: LEO ZUCKER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 389-1940
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 30339
Affiliation Type: Emergency Contact
Company Name: LEO ZUCKER
Contact Type: Not reported
Contact Name: LEO ZUCKER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 389-1940
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank Id: 65240
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

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

E. CUCKER INC. (Continued)

A100293826

G00 - Tank Secondary Containment - None
 B00 - Tank External Protection - None
 K00 - Spill Prevention - None
 F00 - Pipe External Protection - None
 J05 - Dispenser - On Site Heating System (Supply/Return)
 C01 - Pipe Location - Aboveground
 H00 - Tank Leak Detection - None
 I03 - Overfill - Automatic Shut-Off
 E02 - Piping Secondary Containment - Vault (with Access)
 L00 - Piping Leak Detection - None

Tank Location: 3
 Tank Type: Concrete
 Tank Status: In Service
 Pipe Model: Not reported
 Install Date: 01/01/1995
 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: MSBAPTIS
 Last Modified: 03/18/2013

**AA128
 ESE
 1/8-1/4
 0.186 mi.
 983 ft.**

**DRASON ENTERPRISE INC.
 28 HERBERT STREET
 BROOKLYN, NY 10463
 Site 1 of 2 in cluster AA**

**NY UST U003297781
 NY HIST UST N/A**

**Relative:
 Higher**

UST:
 Id/Status: 2-406635 / Administratively Closed
 Program Type: PBS
 Region: STATE
 DEC Region: 2
 Expiration Date: N/A
 UTM X: 585192.6526999998
 UTM Y: 4505918.7977

**Actual:
 21 ft.**

Affiliation Records:
 Site Id: 19651
 Affiliation Type: Emergency Contact
 Company Name: TIBBI ZICHERMAN
 Contact Type: Not reported
 Contact Name: SALLY F GREEN
 Address1: Not reported
 Address2: Not reported
 City: Not reported
 State: NN
 Zip Code: Not reported
 Country Code: 001
 Phone: (718) 896-1040
 EMail: Not reported
 Fax Number: Not reported
 Modified By: TRANSLAT
 Date Last Modified: 3/4/2004

Site Id: 19651

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DRASON ENTERPRISE INC. (Continued)

U003297781

Affiliation Type: Facility Owner
Company Name: TIBBI ZICHERMAN
Contact Type: Not reported
Contact Name: Not reported
Address1: 570 LEHIGH AVENUE
Address2: Not reported
City: WOODMERELI
State: NY
Zip Code: 11374
Country Code: 001
Phone: (718) 389-3030
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 19651
Affiliation Type: Mail Contact
Company Name: 28 HERBERT STREET
Contact Type: Not reported
Contact Name: DRASON ENTERPRISES
Address1: 99-60 63 ROAD
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11374
Country Code: 001
Phone: (718) 389-3030
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 19651
Affiliation Type: On-Site Operator
Company Name: DRASON ENTERPRISE INC.
Contact Type: Not reported
Contact Name: GERTRUDE SCHALLER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 392-5435
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 23154
Tank Status: Administratively Closed
Capacity Gallons: 3000
Install Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DRASON ENTERPRISE INC. (Continued)

U003297781

Date Tank Closed: 05/01/1999
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: 01
Date Test: 10/01/1989
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)
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other

HIST UST:

PBS Number: 2-406635
SPDES Number: Not reported
Emergency Contact: SALLY F GREEN
Emergency Telephone: (718) 896-1040
Operator: GERTRUDE SCHALLER
Operator Telephone: (718) 392-5435
Owner Name: TIBBI ZICHERMAN
Owner Address: 570 LEHIGH AVENUE
Owner City,St,Zip: WOODMERE, NY 11374
Owner Telephone: (718) 389-3030
Owner Type: Private Resident
Owner Subtype: Not reported
Mailing Name: 28 HERBERT STREET
Mailing Address: 99-60 63 ROAD
Mailing Address 2: Not reported
Mailing City,St,Zip: BROOKLYN, NY 11374
Mailing Contact: DRASON ENTERPRISES
Mailing Telephone: (718) 389-3030
Owner Mark: First Owner
Facility Status: 3 - Administratively closed (reasons include business is closed and/or mail is undeliverable, and staff cannot check if tanks were removed; or a duplicate registration was generated).
Facility Addr2: 28 HERBERT STREET
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DRASON ENTERPRISE INC. (Continued)

U003297781

Certification Date: 08/19/1992
Expiration Date: 10/15/1997
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
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: Undefined
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: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Other
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: 10/01/1989
Next Test Date: 10/01/1994
Missing Data for Tank: Minor Data Missing
Date Closed: 05/01/1999
Test Method: Petro-Tite
Deleted: False
Updated: False
Lat/long: Not reported

AB129
SSW
1/8-1/4
0.190 mi.
1001 ft.

NYCDEP
75 FROST ST
BROOKLYN, NY

Site 1 of 2 in cluster AB

NY TANKS
NY HIST UST
NY MANIFEST

U001831432
N/A

Relative:
Higher

TANKS:

Facility Id: 2-045799
Region: STATE
DEC Region: 2
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 588798.33915999997
UTM Y: 4507926.84650999996

Actual:
17 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP (Continued)

U001831432

HIST UST:

PBS Number: 2-045799
SPDES Number: Not reported
Emergency Contact: FRANK ANDERSON
Emergency Telephone: (718) 448-0248
Operator: FRANK ANDERSON
Operator Telephone: (718) 388-4995
Owner Name: NYCDEP-FACILITIES MGMT & CONST
Owner Address: 59-17 JUNCTION BLVD
Owner City,St,Zip: ELMHURST, NY 11373
Owner Telephone: (718) 595-4377
Owner Type: Local Government
Owner Subtype: The City of New York
Mailing Name: NYCDEP-FACILITIES MGMT & CONST
Mailing Address: 59-17 JUNCTION BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: ELMHURST, NY 11373
Mailing Contact: MARYLIN REED
Mailing Telephone: (718) 595-4377
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: 75 FROST 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: 06/24/1992
Expiration Date: 12/02/1996
Renew Flag: False
Renewal 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: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed-In Place
Install Date: 06/01/1971
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
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

NYCDEP (Continued)

U001831432

Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Other
Overfill Prot: Product Level Gauge
Dispenser: 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
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 06/01/1971
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Other
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: 12/27/1987
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

NY MANIFEST:

EPA ID: NYP000954487
Country: USA
Mailing Name: NYCDEP
Mailing Contact: CHRIS HAAS
Mailing Address: 59-17 JUNCTION BLVD
Mailing Address 2: Not reported
Mailing City: CORONA
Mailing State: NY
Mailing Zip: 11368
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP (Continued)

U001831432

NY MANIFEST:

No Manifest Records Available

EPA ID: NYP003600826
Country: USA
Mailing Name: NYCDEP
Mailing Contact: STANLEY BALDWIN
Mailing Address: 50 17 JUNCTION BLVD
Mailing Address 2: Not reported
Mailing City: FLUSHING
Mailing State: NY
Mailing Zip: 11368
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-505-0406

NY MANIFEST:

No Manifest Records Available

AA130
ESE
1/8-1/4
0.196 mi.
1037 ft.

CONSOLIDATED EDISON
HUMBOLT ST & HERBERT ST
BROOKLYN, NY

NY MANIFEST 1009242621
N/A

Site 2 of 2 in cluster AA

Relative:
Higher

NY MANIFEST:

EPA ID: NYP004118154
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Actual:
23 ft.

Document ID: NYE1315278
Manifest Status: Not reported
Trans1 State ID: 46235JM
Trans2 State ID: Not reported
Generator Ship Date: 02/20/2004
Trans1 Recv Date: 02/20/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/20/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004118154
Trans1 EPA ID: NYD006982359
Trans2 EPA ID: Not reported
TSD ID: NYD980593
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 00945
Units: K - Kilograms (2.2 pounds)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

1009242621

Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2004

**AB131
SSW
1/8-1/4
0.198 mi.
1043 ft.**

**75 FROST ST
BROOKLYN, NY 11211**

**EDR US Hist Auto Stat 1015624523
N/A**

Site 2 of 2 in cluster AB

**Relative:
Higher**

EDR Historical Auto Stations:

Name: ALLISON TRANSMISSION
Year: 2004
Address: 75 FROST ST

**Actual:
17 ft.**

Name: ALLBORO ENGINE INC
Year: 2005
Address: 75 FROST ST

Name: ALL BORO ENGINES INC
Year: 2007
Address: 75 FROST ST

Name: ALLBORO ENGINE
Year: 2008
Address: 75 FROST ST

Name: ALL BORO ENGINES INC
Year: 2009
Address: 75 FROST ST

Name: ALL BORO ENGINE INC
Year: 2010
Address: 75 FROST ST

Name: ALL BORO ENGINE INC
Year: 2011
Address: 75 FROST ST

Name: ALL BORO ENGINE INC
Year: 2012
Address: 75 FROST ST

**AC132
SE
1/8-1/4
0.201 mi.
1062 ft.**

**CON EDISON MANHOLE 4916
GRAHAM AVE & FROST ST
BROOKLYN, NY 11204**

**RCRA NonGen / NLR 1010326778
NY MANIFEST NYP004143004**

Site 1 of 2 in cluster AC

**Relative:
Higher**

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

**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

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
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
Facility name: CON EDISON MANHOLE 4916
Site name: CON EDISON
Classification: Not a generator, verified

Date form received by agency: 11/15/2006
Facility name: CON EDISON MANHOLE 4916
Site name: CON EDISON
Classification: Unverified

Violation Status: No violations found

NY MANIFEST:

EPA ID: NYP004143004
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address: 4 IRVING PL RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 4916 (Continued)

1010326778

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
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
TSD 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

**AD133
NNW
1/8-1/4
0.203 mi.
1070 ft.**

**99 ECKFORD ST
BROOKLYN, NY 11222**

Site 1 of 2 in cluster AD

**EDR US Hist Cleaners 1015109868
N/A**

**Relative:
Higher**

EDR Historical Cleaners:

Name: HTN CLEANERS & LAUNDROMAT INC
Year: 2007

**Actual:
17 ft.**

Address: 99 ECKFORD ST

Name: HTN CLEANERS & LAUNDROMAT
Year: 2009
Address: 99 ECKFORD ST

**AE134
NE
1/8-1/4
0.205 mi.
1082 ft.**

**CONSOLIDATED EDISON
HUMBOLDT ST & BROOME ST
BROOKLYN, NY 11222**

Site 1 of 2 in cluster AE

**NY MANIFEST S110046402
N/A**

**Relative:
Higher**

NY MANIFEST:

EPA ID: NYP004186169
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA

**Actual:
21 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

S110046402

Mailing Phone: 212-460-2808

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2009-08-07
Trans1 Recv Date: 2009-08-07
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-08-11
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004186169
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: 000894836GBF
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2009-08-07
Trans1 Recv Date: 2009-08-07
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-08-11
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004186169
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

S110046402

Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2009
Manifest Tracking Num: 000894836GBF
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

**AE135
NE
1/8-1/4
0.205 mi.
1082 ft.**

**CON EDISON - MANHOLE 4401
HUMBOLDT ST & BROOME ST
BROOKLYN, NY 11222**

**RCRA-LQG 1014396352
NYP004186169**

Site 2 of 2 in cluster AE

**Relative:
Higher**

RCRA-LQG:

Date form received by agency: 03/23/2010

Facility name: CON EDISON - MANHOLE 4401

Facility address: HUMBOLDT ST & BROOME ST
BROOKLYN, NY 11222

EPA ID: NYP004186169

Mailing address: 4 IRVING PLACE
NEW YORK, NY 10003

Contact: FRANKLYN MURRAY

Contact address: Not reported

Contact address: 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 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - MANHOLE 4401 (Continued)

1014396352

Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/24/2009
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: Owner
Owner/Op start date: 07/24/2009
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
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: 07/24/2009
Facility name: CON EDISON - MANHOLE 4401
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

AD136
NNW
1/8-1/4
0.207 mi.
1093 ft.

DYMEK HOME
101 ECKFORD STREET
BROOKLYN, NY
Site 2 of 2 in cluster AD

NY LTANKS **S102238460**
NY Spills **N/A**

Relative:
Higher

LTANKS:
Site ID: 373682
Spill Number/Closed Date: 0609437 / 11/22/2006
Spill Date: 11/16/2006
Spill Cause: Tank Overfill
Spill Source: Private Dwelling

Actual:
17 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DYMEK HOME (Continued)

S102238460

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: 11/16/2006
CID: 444
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 11/16/2006
Spill Record Last Update: 11/22/2006
Spiller Name: NICK RELLA
Spiller Company: CONSUMER ENERGY GROUP
Spiller Address: 222 VARICK AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller County: 001
Spiller Contact: DYMEK HOME
Spiller Phone: (718) 389-0379
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 151835
DEC Memo: minor spill - all cleaned
Remarks: 1/4 OF A GALLON SPILLED AND IS CONTAINED AND IN PROCESS OF CLEANING UP:

Material:

Site ID: 373682
Operable Unit ID: 1131383
Operable Unit: 01
Material ID: 2121080
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: 0612279
DER Facility ID: 151835
Facility Type: ER
Site ID: 377095
DEC Region: 2
Spill Date: 2/8/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DYMEK HOME (Continued)

S102238460

Spill Number/Closed Date: 0612279 / 2/8/2007
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: SMSANGES
Referred To: Not reported
Reported to Dept: 2/8/2007
CID: 444
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: 2/8/2007
Spill Record Last Update: 2/8/2007
Spiller Name: JIM CAREY
Spiller Company: METRO FUEL OIL CORP
Spiller Address: 500 KINGSLEY AVE
Spiller City,St,Zip: BROOKLYN, NY 11222
Spiller Company: 001
Contact Name: BOGUMIL HOME
Contact Phone: (718) 389-0379
DEC Memo: 100 eckert street.During a regular delivery to 100 eckert, the owner of 101 eckert asked the driver for a delivery to his house. That homeowner actually used "Consumers oil" and screwed up the various oil company names. Homeowner said he had a 550 gal tank (it was really a 275gal) At 240gal the tank overfilled.3gal came out on cement driveway, 2 gal on solid sealed cement floor in basement. All cleaned within 1 hour.

Remarks: STORAGE TANK OVERFILL DUE TO WRONG DELIEVRY AND IS ALL CLEANED UP

Material:
Site ID: 377095
Operable Unit ID: 1134650
Operable Unit: 01
Material ID: 2124527
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5
Units: Gallons
Recovered: 5
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 0511246
DER Facility ID: 151835
Facility Type: ER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DYMEK HOME (Continued)

S102238460

Site ID: 357360
DEC Region: 2
Spill Date: 12/27/2005
Spill Number/Closed Date: 0511246 / 1/4/2006
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: 12/27/2005
CID: 406
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: 12/27/2005
Spill Record Last Update: 1/31/2006
Spiller Name: MARIA MANDARINO
Spiller Company: PRIVATE RESIDENCE
Spiller Address: 101 ECKFORD ST.
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: MARIA MANDARINO
Contact Phone: (718) 782-2060
DEC Memo: Sangesland spoke to Maria at the oil company. She said the cleanup was complete. Spill was all to cement, no soil, no drains involved. Could not find a phone number for the property owner.

Remarks: Spill due to faulty vent alarm. Clean up is completed.

Material:

Site ID: 357360
Operable Unit ID: 1114634
Operable Unit: 01
Material ID: 2104701
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:

Site ID: 357360
Spill Tank Test: 1549613
Tank Number: Not reported
Tank Size: 550
Test Method: 00
Leak Rate: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DYMEK HOME (Continued)

S102238460

Gross Fail: Not reported
Modified By: Watchdog
Last Modified: 12/27/2005
Test Method: Unknown

Facility ID: 9511565
DER Facility ID: 151835
Facility Type: ER
Site ID: 92308
DEC Region: 2
Spill Date: 12/13/1995
Spill Number/Closed Date: 9511565 / 12/13/1995
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: SMMARTIN
Referred To: Not reported
Reported to Dept: 12/13/1995
CID: 211
Water Affected: Not reported
Spill Source: Private Dwelling
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: 12/13/1995
Spill Record Last Update: 5/13/1996
Spiller Name: Not reported
Spiller Company: PETRO ASTORIA
Spiller Address: 3616 19 AV
Spiller City,St,Zip: ASTORIA, NY
Spiller Company: 001
Contact Name: ANNA BABILY
Contact Phone: (718) 383-6098
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

Remarks: AS DRIVER WAS FILLING TANK IT SPRAYED OUT VENT - APPROXIMATE 1 CUPWHICH WAS CLEANED UP

Material:
Site ID: 92308
Operable Unit ID: 1022058
Operable Unit: 01
Material ID: 358896
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DYMEK HOME (Continued)

S102238460

Tank Test:

Facility ID: 9310560
DER Facility ID: 151835
Facility Type: ER
Site ID: 181026
DEC Region: 2
Spill Date: 12/1/1993
Spill Number/Closed Date: 9310560 / 12/1/1993
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: 12/1/1993
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: 12/1/1993
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 12/2/1993
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: CONTAINED ON SIDEWALK - CLEAN UP IS DONE BY PETRO.

Material:

Site ID: 181026
Operable Unit ID: 992273
Operable Unit: 01
Material ID: 389647
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:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AF137
SSW
1/8-1/4
0.208 mi.
1098 ft.

FROST & MEEKER AVE
64 FROST STREET
BROOKLYN, NY 11211

NY LTANKS **S102232676**
NY Spills **N/A**

Site 1 of 5 in cluster AF

Relative:
Higher

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
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: (718) 388-3329
 Spiller Extention: 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

Map ID
Direction
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FROST & MEEKER AVE (Continued)

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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
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

MAP FINDINGS

FROST & MEEKER AVE (Continued)

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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 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

Map ID
Direction
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FROST & MEEKER AVE (Continued)

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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 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

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FROST & MEEKER AVE (Continued)

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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 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 report 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

Map ID
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MAP FINDINGS

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FROST & MEEKER AVE (Continued)

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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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FROST & MEEKER AVE (Continued)

S102232676

SPILLS:

Facility ID: 9806871
DER Facility ID: 6789
Facility Type: ER
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
Spiller Company: 001
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AF138
SSW
1/8-1/4
0.208 mi.
1098 ft.

SERVICE STATION
64 FROST ST
BROOKLYN, NY 11211

RCRA NonGen / NLR 1000432490
FINDS NYD000824219

Site 2 of 5 in cluster AF

Relative:
Higher

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 01/01/2007
Facility name: SERVICE STATION
Facility address: 64 FROST ST
BROOKLYN, NY 112111316
EPA ID: NYD000824219
Mailing address: FROST ST
BROOKLYN, NY 11211
Contact: Not reported
Contact address: FROST ST
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: SUN OIL COMPANY OF PENNSYLVANIA
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: SUN OIL COMPANY OF PENNSYLVANIA
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

Map ID
 Direction
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MAP FINDINGS

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Database(s)

EDR ID Number
 EPA ID Number

SERVICE STATION (Continued)

1000432490

Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006
 Facility name: SERVICE STATION
 Classification: Not a generator, verified

Date form received by agency: 07/08/1999
 Facility name: SERVICE STATION
 Classification: Not a generator, verified

Date form received by agency: 08/18/1980
 Facility name: SERVICE STATION
 Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004332204

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.

AF139 **64 FROST ST.**
SSW **64 FROST STREET**
1/8-1/4 **BROOKLYN, NY 11211**
0.208 mi.
1098 ft. **Site 3 of 5 in cluster AF**

NY UST **U003065821**
NY HIST UST **N/A**

Relative: UST:
Higher Id/Status: 2-200956 / Unregulated
 Program Type: PBS
Actual: Region: STATE
17 ft. DEC Region: 2
 Expiration Date: N/A
 UTM X: 588789.48713999998
 UTM Y: 4507925.20591

Affiliation Records:

Site Id: 6798
 Affiliation Type: Facility Owner
 Company Name: PAULS LLC
 Contact Type: Not reported
 Contact Name: Not reported
 Address1: 318 GRAND ST.
 Address2: Not reported
 City: BROOKLYN
 State: NY
 Zip Code: 11211

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MAP FINDINGS

Site

Database(s)

EDR ID Number
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64 FROST ST. (Continued)

U003065821

Country Code: 001
Phone: (718) 486-6916
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 6798
Affiliation Type: Mail Contact
Company Name: PAULS LLC
Contact Type: Not reported
Contact Name: PAUL JOFFE
Address1: 318 GRAND STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 486-6916
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 6798
Affiliation Type: On-Site Operator
Company Name: 64 FROST ST.
Contact Type: Not reported
Contact Name: PAUL JOFFE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 486-6916
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 6798
Affiliation Type: Emergency Contact
Company Name: PAULS LLC
Contact Type: Not reported
Contact Name: PAUL JOFFE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (017) 693-3292
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

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Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

64 FROST ST. (Continued)

U003065821

Tank Info:

Tank Number: 001
Tank ID: 11404
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/27/1999
Registered: True
Tank Location: Underground
Tank Type: Concrete
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
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 002
Tank ID: 11405
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/27/1999
Registered: True
Tank Location: Underground
Tank Type: Concrete
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
G03 - Tank Secondary Containment - Vault (w/o access)
H99 - Tank Leak Detection - Other

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

64 FROST ST. (Continued)

U003065821

B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 003
Tank ID: 11406
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/27/1999
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
G03 - Tank Secondary Containment - Vault (w/o access)
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 004
Tank ID: 11407
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/27/1999
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

Map ID
Direction
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

64 FROST ST. (Continued)

U003065821

G03 - Tank Secondary Containment - Vault (w/o access)
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 005
Tank ID: 11408
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/27/2003
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
G03 - Tank Secondary Containment - Vault (w/o access)
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 006
Tank ID: 11409
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/27/2003
Registered: True
Tank Location: Underground
Tank Type: Concrete
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:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

64 FROST ST. (Continued)

U003065821

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 007
Tank ID: 11410
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/27/2003
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:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 008
Tank ID: 11411
Tank Status: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 10/27/2003
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

64 FROST ST. (Continued)

U003065821

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 009
Tank ID: 11412
Tank Status: Closed - Removed
Capacity Gallons: 3000
Install Date: Not reported
Date Tank Closed: 10/27/2003
Registered: True
Tank Location: Underground
Tank Type: Concrete
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: 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
G03 - Tank Secondary Containment - Vault (w/o access)
H99 - Tank Leak Detection - Other
B04 - Tank External Protection - Fiberglass
I00 - Overfill - None

HIST UST:

PBS Number: 2-200956
SPDES Number: Not reported
Emergency Contact: GOVINDER SINGH
Emergency Telephone: (718) 388-3329
Operator: GOVINDER SINGH
Operator Telephone: (718) 384-9023
Owner Name: KULDEEP SINGH
Owner Address: 392 LEONARD STREET
Owner City,St,Zip: BROOKLYN, NY 11211
Owner Telephone: (718)388-3329
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: Not reported
Mailing Address: Not reported
Mailing Address 2: Not reported
Mailing City,St,Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

64 FROST ST. (Continued)

U003065821

Mailing Contact: Not reported
Mailing Telephone: (718) 388-3329
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: 64 FROST ST
SWIS ID: 6101
Old PBS Number: Not reported
Facility Type: RETAIL GASOLINE SALES
Inspected Date: Not reported
Inspector: ZHAO/
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 04/25/1996
Expiration Date: 04/23/2001
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 7400
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): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Stainless steel alloy
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: Other
Overfill Prot: None
Dispenser: 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
Lat/long: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

64 FROST ST. (Continued)

U003065821

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Stainless steel alloy
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: Other
Overfill Prot: None
Dispenser: 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
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
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: Diking
Leak Detection: Other
Overfill Prot: None
Dispenser: 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
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: In Service

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

64 FROST ST. (Continued)

U003065821

Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
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: Diking
Leak Detection: Other
Overfill Prot: None
Dispenser: 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
Lat/long: Not reported

Tank Id: 005
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
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: Diking
Leak Detection: Other
Overfill Prot: None
Dispenser: 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
Lat/long: Not reported

Tank Id: 006
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

64 FROST ST. (Continued)

U003065821

Tank Type: Stainless steel alloy
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: NONE
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: 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
Lat/long: Not reported

Tank Id: 007
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: None
Pipe Type: NONE
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: 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
Lat/long: Not reported

Tank Id: 008
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

64 FROST ST. (Continued)

U003065821

Pipe Location: None
Pipe Type: NONE
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: 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
Lat/long: Not reported

Tank Id: 009
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 3000
Product Stored: DIESEL
Tank Type: Stainless steel alloy
Tank Internal: None
Tank External: Fiberglass
Pipe Location: Underground
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: Other
Overfill Prot: None
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

140
SW
1/8-1/4
0.208 mi.
1099 ft.

CON EDISON
39 RICHARDSON ST
BROOKLYN, NY 11211

NY MANIFEST S113495496
N/A

Relative:
Lower

NY MANIFEST:
EPA ID: NYP004292033
Country: USA
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK

Actual:
15 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S113495496

Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

NY MANIFEST:
No Manifest Records Available

AG141
East
1/8-1/4
0.209 mi.
1103 ft.

162ND PRECINCT
43 HERBERT STREET
BROOKLYN, NY 11222

NY AST **A100321680**
N/A

Site 1 of 2 in cluster AG

Relative:
Higher

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-610949
Program Type: PBS
UTM X: 589213.36150999996
UTM Y: 4508187.54605
Expiration Date: N/A

Actual:
24 ft.

Affiliation Records:
Site Id: 404939
Affiliation Type: Facility Owner
Company Name: NORTH BROOKLYN DEVELOPMENT CORP.
Contact Type: AUTHORIZED REPRESENTATIVE
Contact Name: JOVER NARANJO
Address1: 148-50 HURON STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 389-9044
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 10/27/2008

Site Id: 404939
Affiliation Type: Mail Contact
Company Name: NORTH BROOKLYN DEVELOPMENT CORP.
Contact Type: Not reported
Contact Name: MR. RICHARD NAZUR
Address1: 148-150 HURON STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 389-9044
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

162ND PRECINCT (Continued)

A100321680

Date Last Modified: 10/6/2008

Site Id: 404939
Affiliation Type: On-Site Operator
Company Name: 162ND PRECINCT
Contact Type: Not reported
Contact Name: N/A VACANT BUILDING
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 10/6/2008

Site Id: 404939
Affiliation Type: Emergency Contact
Company Name: NORTH BROOKLYN DEVELOPMENT CORP.
Contact Type: Not reported
Contact Name: RICHARD MAZUR
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 389-9044
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 10/27/2008

Tank Info:

Tank Number: 001
Tank Id: 225480
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

162ND PRECINCT (Continued)

A100321680

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
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: 10/14/2008
Register: True
Modified By: dxliving
Last Modified: 10/27/2008

AG142
East
1/8-1/4
0.209 mi.
1103 ft.

162 PRECINCT
43 HERBERT ST
BROOKLYN, NY 11222

RCRA-CESQG 1011863508
NYR000160200

Site 2 of 2 in cluster AG

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 10/07/2008

Facility name: 162 PRECINCT

Facility address: 43 HERBERT ST
BROOKLYN, NY 11222

EPA ID: NYR000160200

Mailing address: BUSHWICK AVE
BROOKLYN, NY 11207

Contact: JOVER NARANJO

Contact address: BUSHWICK AVE
BROOKLYN, NY 11207

Contact country: US

Contact telephone: (718) 803-0219

Contact email: YANKEECARTING@HOTMAIL.COM

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: ENVIRO & DEMO MASTERS INC

Owner/operator address: Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

162 PRECINCT (Continued)

1011863508

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/01/2008
Owner/Op end date: Not reported

Owner/operator name: NORTH BROOKLYN DEVELOPMENT CORPORTION
Owner/operator address: HURON ST
BROOKLYN, NY 11222

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/01/2008
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: 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: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AF143
SSW
1/8-1/4
0.210 mi.
1111 ft.

59 FROST ST
BROOKLYN, NY 11211

EDR US Hist Auto Stat 1015562924
N/A

Site 4 of 5 in cluster AF

Relative:
Higher

EDR Historical Auto Stations:

Name: UNIQUE AUTO REPAIR
Year: 2005
Address: 59 FROST ST

Name: UNIQUE AUTO REPAIR
Year: 2006
Address: 59 FROST ST

Name: UNIQUE AUTO REPAIR
Year: 2007
Address: 59 FROST ST

Name: UNIQUE AUTO REPAIR
Year: 2008
Address: 59 FROST ST

Name: UNIQUE AUTO REPAIR
Year: 2009
Address: 59 FROST ST

Name: UNIQUE AUTO REPAIR
Year: 2010
Address: 59 FROST ST

Name: UNIQUE AUTO REPAIR INC
Year: 2011
Address: 59 FROST ST

Name: UNIQUE AUTOMOBILE REPAIR
Year: 2012
Address: 59 FROST ST

Actual:
17 ft.

AF144
SSW
1/8-1/4
0.214 mi.
1132 ft.

56 FROST ST
BROOKLYN, NY 11211

EDR US Hist Auto Stat 1015553230
N/A

Site 5 of 5 in cluster AF

Relative:
Higher

EDR Historical Auto Stations:

Name: FROST AUTOMOTIVE
Year: 2001
Address: 56 FROST ST

Actual:
16 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

145
NW
1/8-1/4
0.217 mi.
1147 ft.

580 MANHATTAN AVE
BROOKLYN, NY 11222

EDR US Hist Cleaners **1015077102**
 N/A

Relative:
Lower

Actual:
15 ft.

EDR Historical Cleaners:
 Name: ALL PRO CLEANERS
 Year: 2005
 Address: 580 MANHATTAN AVE

146
ESE
1/8-1/4
0.217 mi.
1148 ft.

498 HUMBOLDT ST
BROOKLYN, NY 11222

EDR US Hist Auto Stat **1015519985**
 N/A

Relative:
Higher

Actual:
21 ft.

EDR Historical Auto Stations:

Name:	JOES AUTO REPAIR
Year:	1999
Address:	498 HUMBOLDT ST
Name:	JOES AUTO REPAIR
Year:	2000
Address:	498 HUMBOLDT ST
Name:	JOES AUTO REPAIR
Year:	2001
Address:	498 HUMBOLDT ST
Name:	JOES AUTO REPAIR
Year:	2002
Address:	498 HUMBOLDT ST
Name:	JOES AUTO REPAIR
Year:	2003
Address:	498 HUMBOLDT ST
Name:	JOES AUTO REPAIR
Year:	2004
Address:	498 HUMBOLDT ST
Name:	JOES AUTO REPAIR
Year:	2005
Address:	498 HUMBOLDT ST
Name:	JOES AUTO REPAIR
Year:	2006
Address:	498 HUMBOLDT ST
Name:	JOES AUTO REPAIR
Year:	2007
Address:	498 HUMBOLDT ST
Name:	JOES AUTO REPAIR
Year:	2008
Address:	498 HUMBOLDT ST
Name:	JOES AUTO REPAIR
Year:	2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015519985

Address: 498 HUMBOLDT ST
Name: JOES AUTO REPAIR
Year: 2010
Address: 498 HUMBOLDT ST
Name: JOES AUTO REPAIR
Year: 2011
Address: 498 HUMBOLDT ST
Name: JOES AUTO REPAIR
Year: 2012
Address: 498 HUMBOLDT ST

147
NNE
1/8-1/4
0.219 mi.
1156 ft.

178 DRIGGS AVE
BROOKLYN, NY 11222

EDR US Hist Cleaners 1015005810
N/A

Relative:
Higher
Actual:
19 ft.

EDR Historical Cleaners:

Name: S & O GREENPOINT LAUNDROMAT INCORPORATED
Year: 1999
Address: 178 DRIGGS AVE
Name: S & O GREENPOINT LAUNDROMAT INCORPORATED
Year: 2000
Address: 178 DRIGGS AVE
Name: S & O GREENPOINT LAUNDROMAT INC
Year: 2001
Address: 178 DRIGGS AVE
Name: S & O GREENPOINT LAUNDROMAT INC
Year: 2002
Address: 178 DRIGGS AVE
Name: S & O GREENPOINT LAUNDROMAT
Year: 2003
Address: 178 DRIGGS AVE
Name: S & O GREENPOINT LAUNDROMAT INC
Year: 2005
Address: 178 DRIGGS AVE
Name: SUSAN LAUNDROMAT INC
Year: 2006
Address: 178 DRIGGS AVE
Name: SUSAN LAUNDROMAT INC
Year: 2010
Address: 178 DRIGGS AVE
Name: SUSAN LAUNDROMAT INC
Year: 2011
Address: 178 DRIGGS AVE
Name: SUSAN LAUNDROMAT INCORPORATED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015005810

Year: 2012
Address: 178 DRIGGS AVE

AC148
SE
1/8-1/4
0.219 mi.
1157 ft.

425 GRAHAM AVE
BROOKLYN, NY 11211

Site 2 of 2 in cluster AC

EDR US Hist Cleaners 1015059608
N/A

Relative:
Higher

EDR Historical Cleaners:

Name: THE LAUNDRY
Year: 2005
Address: 425 GRAHAM AVE

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

AH149
ENE
1/8-1/4
0.225 mi.
1188 ft.

CON EDISON - MANHOLE 64590
RUSSELL ST & ENGERT AVE
BROOKLYN, NY 11222

Site 1 of 2 in cluster AH

RCRA-LQG 1014396354
NYP004186185

Relative:
Higher

RCRA-LQG:

Date form received by agency: 03/23/2010
Facility name: CON EDISON - MANHOLE 64590
Facility address: RUSSELL ST & ENGERT AVE
BROOKLYN, NY 11222

EPA ID: NYP004186185
Mailing address: 4 IRVING PLACE
NEW YORK, NY 10003

Contact: FRANKLYN MURRAY
Contact address: Not reported

Contact country: Not reported

Actual:
27 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - MANHOLE 64590 (Continued)

1014396354

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 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: Operator
Owner/Op start date: 07/24/2009
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: Owner
Owner/Op start date: 07/24/2009
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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - MANHOLE 64590 (Continued)

1014396354

Historical Generators:

Date form received by agency: 07/24/2009
Facility name: CON EDISON - MANHOLE 64590
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

AH150
ENE
1/8-1/4
0.225 mi.
1188 ft.

**CONSOLIDATED EDISON
RUSSELL ST & ENGERT AVE
BROOKLYN, NY 11222**

**NY MANIFEST S110046631
N/A**

Site 2 of 2 in cluster AH

Relative:
Higher

NY MANIFEST:
EPA ID: NYP004186185
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Actual:
27 ft.

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2009-08-12
Trans1 Recv Date: 2009-08-12
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-08-13
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004186185
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: Not reported
Quantity: 800.0
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: 000894858GBF
Import Ind: N
Export Ind: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

S110046631

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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2009-08-12
Trans1 Recv Date: 2009-08-12
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-08-13
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004186185
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: Not reported
Quantity: 800.0
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: 000894858GBF
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

151
SSW
1/8-1/4
0.238 mi.
1259 ft.

**NYSDOT BQE PROJECT
MEEKER & LORIMER ST
BROOKLYN, NY 11201**

**RCRA NonGen / NLR 1000191428
FINDS NYD982728578
NY MANIFEST**

**Relative:
Higher**

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NYSDOT BQE PROJECT
Facility address: MEEKER & LORIMER ST
BROOKLYN, NY 11201
EPA ID: NYD982728578

**Actual:
18 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS DOT BQE PROJECT (Continued)

1000191428

Mailing address: 21ST ST
LONG ISLAND CITY, NY 11101
Contact: RICHARD SCHMALZ
Contact address: 21ST ST
LONG ISLAND CITY, NY 11101
Contact country: US
Contact telephone: (718) 482-4636
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: NYS DEPT TRANSPORTATION
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYS DEPT TRANSPORTATION
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: State
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
Facility name: NYS DOT BQE PROJECT
Classification: Not a generator, verified

Date form received by agency: 02/12/1996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BQE PROJECT (Continued)

1000191428

Facility name: NYSDOT BQE PROJECT
Site name: NYS DOT CONSTRUCTION FIELD OFFICE
Classification: Large Quantity Generator

Date form received by agency: 04/17/1989
Facility name: NYSDOT BQE PROJECT
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110008030228

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: NYD982728578
Country: USA
Mailing Name: NYSDOT
Mailing Contact: NYSDOT
Mailing Address: 47-40 21ST STREET
Mailing Address 2: Not reported
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-482-4607

Document ID: NJA2116521
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950712
Trans1 Recv Date: 950712
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950712
Part A Recv Date: Not reported
Part B Recv Date: 950721
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BQE PROJECT (Continued)

1000191428

Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116518
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950711
Trans1 Recv Date: 950711
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950711
Part A Recv Date: Not reported
Part B Recv Date: 950721
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 23000
Units: P - Pounds
Number of Containers: 046
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116522
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950712
Trans1 Recv Date: 950712
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950712
Part A Recv Date: Not reported
Part B Recv Date: 950721
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116523
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BQE PROJECT (Continued)

1000191428

Generator Ship Date: 950712
Trans1 Recv Date: 950712
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950712
Part A Recv Date: Not reported
Part B Recv Date: 950721
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116577
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950926
Trans1 Recv Date: 950926
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950926
Part A Recv Date: Not reported
Part B Recv Date: 951010
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2261246
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950928
Trans1 Recv Date: 950928
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950928
Part A Recv Date: Not reported
Part B Recv Date: 951011
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BQE PROJECT (Continued)

1000191428

TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 08400
Units: P - Pounds
Number of Containers: 021
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116665
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950808
Trans1 Recv Date: 950808
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950808
Part A Recv Date: Not reported
Part B Recv Date: 950821
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2182417
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950908
Trans1 Recv Date: 950908
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950908
Part A Recv Date: Not reported
Part B Recv Date: 950921
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BQE PROJECT (Continued)

1000191428

Document ID: NJA2116838
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950815
Trans1 Recv Date: 950815
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950815
Part A Recv Date: Not reported
Part B Recv Date: 950901
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2182168
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950831
Trans1 Recv Date: 950831
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950831
Part A Recv Date: Not reported
Part B Recv Date: 950919
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2182194
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950824
Trans1 Recv Date: 950824
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950824
Part A Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BQE PROJECT (Continued)

1000191428

Part B Recv Date: 950911
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 19500
Units: P - Pounds
Number of Containers: 039
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116611
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950728
Trans1 Recv Date: 950728
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950728
Part A Recv Date: Not reported
Part B Recv Date: 950809
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116612
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950728
Trans1 Recv Date: 950728
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950728
Part A Recv Date: Not reported
Part B Recv Date: 950810
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BQE PROJECT (Continued)

1000191428

Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116545
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950714
Trans1 Recv Date: 950714
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950714
Part A Recv Date: Not reported
Part B Recv Date: 950728
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA0623965
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: S7110
Trans2 State ID: Not reported
Generator Ship Date: 890426
Trans1 Recv Date: 890426
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890427
Part A Recv Date: 890608
Part B Recv Date: 890505
Generator EPA ID: NYD982728578
Trans1 EPA ID: PAD064035819
Trans2 EPA ID: Not reported
TSD ID: NJD089216790
Waste Code: D004 - ARSENIC 5.0 MG/L TCLP
Quantity: 02435
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 043
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00085
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BQE PROJECT (Continued)

1000191428

Specific Gravity: 100
Year: 89

Document ID: NJA2116775
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950824
Trans1 Recv Date: 950824
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950824
Part A Recv Date: Not reported
Part B Recv Date: 950911
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

EPA ID: NYD986961571
Country: USA
Mailing Name: NYSDOT
Mailing Contact: NYSDOT
Mailing Address: 400 MORGAN AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11211
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-486-6620

Document ID: NJA2116521
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950712
Trans1 Recv Date: 950712
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950712
Part A Recv Date: Not reported
Part B Recv Date: 950721
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BQE PROJECT (Continued)

1000191428

Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116518
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950711
Trans1 Recv Date: 950711
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950711
Part A Recv Date: Not reported
Part B Recv Date: 950721
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 23000
Units: P - Pounds
Number of Containers: 046
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116522
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950712
Trans1 Recv Date: 950712
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950712
Part A Recv Date: Not reported
Part B Recv Date: 950721
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116523

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BQE PROJECT (Continued)

1000191428

Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950712
Trans1 Recv Date: 950712
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950712
Part A Recv Date: Not reported
Part B Recv Date: 950721
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116577
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950926
Trans1 Recv Date: 950926
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950926
Part A Recv Date: Not reported
Part B Recv Date: 951010
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2261246
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950928
Trans1 Recv Date: 950928
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950928
Part A Recv Date: Not reported
Part B Recv Date: 951011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BQE PROJECT (Continued)

1000191428

Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 08400
Units: P - Pounds
Number of Containers: 021
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116665
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950808
Trans1 Recv Date: 950808
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950808
Part A Recv Date: Not reported
Part B Recv Date: 950821
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2182417
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950908
Trans1 Recv Date: 950908
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950908
Part A Recv Date: Not reported
Part B Recv Date: 950921
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BQE PROJECT (Continued)

1000191428

Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116838
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950815
Trans1 Recv Date: 950815
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950815
Part A Recv Date: Not reported
Part B Recv Date: 950901
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2182168
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950831
Trans1 Recv Date: 950831
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950831
Part A Recv Date: Not reported
Part B Recv Date: 950919
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2182194
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BQE PROJECT (Continued)

1000191428

Generator Ship Date: 950824
Trans1 Recv Date: 950824
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950824
Part A Recv Date: Not reported
Part B Recv Date: 950911
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 19500
Units: P - Pounds
Number of Containers: 039
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116611
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950728
Trans1 Recv Date: 950728
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950728
Part A Recv Date: Not reported
Part B Recv Date: 950809
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116612
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950728
Trans1 Recv Date: 950728
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950728
Part A Recv Date: Not reported
Part B Recv Date: 950810
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BQE PROJECT (Continued)

1000191428

TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA2116545
Manifest Status: Completed copy
Trans1 State ID: S6993
Trans2 State ID: Not reported
Generator Ship Date: 950714
Trans1 Recv Date: 950714
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950714
Part A Recv Date: Not reported
Part B Recv Date: 950728
Generator EPA ID: NYD982728578
Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: NJA0623965
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: S7110
Trans2 State ID: Not reported
Generator Ship Date: 890426
Trans1 Recv Date: 890426
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890427
Part A Recv Date: 890608
Part B Recv Date: 890505
Generator EPA ID: NYD982728578
Trans1 EPA ID: PAD064035819
Trans2 EPA ID: Not reported
TSDF ID: NJD089216790
Waste Code: D004 - ARSENIC 5.0 MG/L TCLP
Quantity: 02435
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 043
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NYSDOT BQE PROJECT (Continued)

1000191428

Quantity: 00085
 Units: G - Gallons (liquids only)* (8.3 pounds)
 Number of Containers: 001
 Container Type: DM - Metal drums, barrels
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 100
 Year: 89

Document ID: NJA2116775
 Manifest Status: Completed copy
 Trans1 State ID: S6993
 Trans2 State ID: Not reported
 Generator Ship Date: 950824
 Trans1 Recv Date: 950824
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 950824
 Part A Recv Date: Not reported
 Part B Recv Date: 950911
 Generator EPA ID: NYD982728578
 Trans1 EPA ID: NJD980772768
 Trans2 EPA ID: Not reported
 TSDF ID: NJD991291105
 Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP
 Quantity: 00020
 Units: Y - Cubic yards* (.85 tons)
 Number of Containers: 001
 Container Type: CM - Metal boxes, cases, roll-offs
 Handling Method: L Landfill.
 Specific Gravity: 100
 Year: 95

152
ESE
1/8-1/4
0.243 mi.
1282 ft.

ST. PAULS CENTER
484 HUMBOLDT STREET
BROOKLYN, NY 11222

NY UST **U001841250**
NY HIST UST **N/A**

Relative:
Higher

UST:
 Id/Status: 2-600002 / Unregulated
 Program Type: PBS
 Region: STATE
 DEC Region: 2
 Expiration Date: N/A
 UTM X: 589278.31903999997
 UTM Y: 4508064.7027399996

Actual:
21 ft.

Affiliation Records:
 Site Id: 21992
 Affiliation Type: Facility Owner
 Company Name: DIOCESE OF BROOKLYN
 Contact Type: Not reported
 Contact Name: Not reported
 Address1: 7200 DOUGLASTON PARKWAY
 Address2: Not reported
 City: LITTLE NECK
 State: NY
 Zip Code: 11363-0446

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST. PAULS CENTER (Continued)

U001841250

Country Code: 001
Phone: (718) 229-8001
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 1/27/2009

Site Id: 21992
Affiliation Type: Mail Contact
Company Name: DIOCESE OF BROOKLYN
Contact Type: Not reported
Contact Name: Not reported
Address1: 7200 DOUGLASTON PARKWAY
Address2: Not reported
City: LITTLE NECK
State: NY
Zip Code: 11363-0446
Country Code: 001
Phone: (718) 229-8001
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 1/27/2009

Site Id: 21992
Affiliation Type: On-Site Operator
Company Name: ST. PAULS CENTER
Contact Type: Not reported
Contact Name: DIOCESE OF BROOKLYN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (718) 229-8001
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 1/27/2009

Site Id: 21992
Affiliation Type: Emergency Contact
Company Name: DIOCESE OF BROOKLYN
Contact Type: Not reported
Contact Name: FRANK SEHN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 229-8001
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 1/27/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST. PAULS CENTER (Continued)

U001841250

Tank Info:

Tank Number: 1
Tank ID: 39938
Tank Status: Closed - Removed
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 12/22/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 03/16/2012

Equipment Records:

J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None

HIST UST:

PBS Number: 2-600002
SPDES Number: Not reported
Emergency Contact: FRANK SEHN
Emergency Telephone: (718) 229-8001
Operator: DIOCESE OF BROOKLYN
Operator Telephone: (718) 229-8001
Owner Name: DIOCESE OF BROOKLYN
Owner Address: 7200 DOUGLASTON PARKWAY
Owner City,St,Zip: LITTLE NECK, NY 11363-0446
Owner Telephone: (718) 229-8001
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: DIOCESE OF BROOKLYN
Mailing Address: 7200 DOUGLASTON PARKWAY
Mailing Address 2: Not reported
Mailing City,St,Zip: LITTLE NECK, NY 11363-0446
Mailing Contact: Not reported
Mailing Telephone: (718) 229-8001
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: 484 HUMBOLDT STREET

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST. PAULS CENTER (Continued)

U001841250

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: 03/13/1991
Expiration Date: 03/06/1996
Renew Flag: False
Renewal 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: 01
Region: 2

Tank Id: 1
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 5000
Product Stored: UNKNOWN
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: Not reported
Next Test Date: 12/27/1987
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

153
WSW
1/4-1/2
0.271 mi.
1432 ft.

UNKNOWN GAS STATION
2 ROEBLING ST
BROOKLYN, NY

NY LTANKS **S106702988**
NY Spills **N/A**

Relative:
Lower

LTANKS:

Actual:
15 ft.

Site ID: 102738
Spill Number/Closed Date: 0008335 / 10/25/2005
Spill Date: 10/17/2000
Spill Cause: Tank Failure
Spill Source: Gasoline Station
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: JRSTRANG
Referred To: Not reported
Reported to Dept: 10/17/2000
CID: 382
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 10/17/2000
Spill Record Last Update: 10/25/2005
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: UNKNOWN
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 90969
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"10/25/05 - New Condo built on-site. Administrative Closure.
Remarks: callers business was contracted for excavation of tank and when contaminated soil was found the callers business was fired. another company on scene - dano construction

Material:

Site ID: 102738
Operable Unit ID: 828934
Operable Unit: 01
Material ID: 545847
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

UNKNOWN GAS STATION (Continued)

S106702988

Tank Test:

SPILLS:

Facility ID: 0000373
DER Facility ID: 90969
Facility Type: ER
Site ID: 102737
DEC Region: 2
Spill Date: 4/10/2000
Spill Number/Closed Date: 0000373 / 2/27/2003
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: TOMASELLO
Referred To: Not reported
Reported to Dept: 4/10/2000
CID: 270
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: 4/10/2000
Spill Record Last Update: 11/17/2003
Spiller Name: CALLER
Spiller Company: ANTHONY FURNACOLA
Spiller Address: 2 ROEBLING ST
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: CALLER
Contact Phone: (516) 457-3365
DEC Memo: Not reported
Remarks: CALLER STATES THAT HE IS DOING EXCAVATION AND HAS DISCOVERED CONTAMINATED SOIL. CALLER REQ CALL BACK ON CELL PHONE. NUMBERLISTED ABOVE

Material:

Site ID: 102737
Operable Unit ID: 822089
Operable Unit: 01
Material ID: 557707
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

UNKNOWN GAS STATION (Continued)

S106702988

Tank Test:

154
NNW
1/4-1/2
0.294 mi.
1553 ft.

**ADAMS DELI
112 NASSAU AVE
BROOKLYN, NY**

**NY LTANKS S104953397
NY Spills N/A**

**Relative:
Higher**

LTANKS:

**Actual:
17 ft.**

Site ID: 211488
Spill Number/Closed Date: 0013080 / 3/14/2001
Spill Date: 3/14/2001
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: SMSANGES
Referred To: Not reported
Reported to Dept: 3/14/2001
CID: 382
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: 3/14/2001
Spill Record Last Update: 3/16/2001
Spiller Name: Not reported
Spiller Company: ADAMS DELI
Spiller Address: 112 NASSAU AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller County: 001
Spiller Contact: FIREMAN RIPOLL
Spiller Phone: (718) 476-6288
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 175258
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"Duplicate spill number closedRef: Spill 0013079
Remarks: undetermined amount of oil enter drain via basement after tank let go. hazmat on sceneCross Ref Spill #0013079

Material:

Site ID: 211488
Operable Unit ID: 834599
Operable Unit: 01
Material ID: 560404
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ADAMS DELI (Continued)

S104953397

Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

SPILLS:

Facility ID: 0013079
DER Facility ID: 175258
Facility Type: ER
Site ID: 234948
DEC Region: 2
Spill Date: 3/14/2001
Spill Number/Closed Date: 0013079 / 4/5/2001
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: SMSANGES
Referred To: Not reported
Reported to Dept: 3/14/2001
CID: 405
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: 3/14/2001
Spill Record Last Update: 4/5/2001
Spiller Name: SON'S WORK TEL #
Spiller Company: ROBERT BAK (OWNER'S SON)
Spiller Address: 112 NASSAU AVE
Spiller City,St,Zip: BROOKLYN, NY -
Spiller Company: 001
Contact Name: FF RIPOLL
Contact Phone: (917) 769-0484
DEC Memo:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"3/14/2001 - Store front building with 3-4 apartments above.2-275 gallon #2 oil tanks in the basement service the building.Scaggs & Walsh Oil Company made a delivery (no sign of overfill) Later that day the bottom of one of the tanks (looks like corrosion) gave way and approx 100 gallons went to the basement floor and a drywell floor drain.NYFD on scene emptied most of the 275 gallon tank into overpack drums. Scaggs & Walsh arrived on the scene and pumped out whatever remained. Scaggs & Walsh's insurance would not cover the loss because the tank is the property of the building owner and the tank failed due to corrosion. Scaggs & Walsh hired Milro Associates after a verbal discussion with the building owner (Robert Bak 718-628-9700) that the cost of the clean up was the responsibility of the building owner.3/16/2001 - Sangesland called

Map ID
 Direction
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 Elevation

MAP FINDINGS

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EDR ID Number
 EPA ID Number

ADAMS DELI (Continued)

S104953397

Milro to find the cleanup status. Paul (at Milro) said between 3/14 and 3/15 a 5'x8' section of the floor was opened up and dug down 2' and 2 cubic yards of contaminated soil was removed. Milro is not working today (3/16) because Scaggs & Walsh is installing new oil tanks. Milro will return on Monday 3/19 to continue excavation. 3/20/2001 Paul at Milro says the excavation is approx 5' x 10' x 3' deep. Because of access problems they can't really excavate any more and he'll probably spend one more day on site. Paul said he would PID the samples first and if they don't look bad, he'll back fill before the soil samples come back from the lab. 4/5/2001 End point sample from excavation was tested for: TCLP Volatiles 8021/STARS (All results were "Non-Detect") TCLP Polynuc, Arom. Hydrocarbons (BN) 8270 - "Non-Detect" Spill closed 4/5/2001
 spill in inside deli's basement fd on the scene

Remarks:
 Material:
 Site ID: 234948
 Operable Unit ID: 834598
 Operable Unit: 01
 Material ID: 539808
 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:

155
 WNW
 1/4-1/2
 0.318 mi.
 1680 ft.

**AUTOMOTIVE TRADE HS 610 - BROOKLYN K610
 50 BEDFORD AVENUE
 BROOKLYN, NY 11222**

**NY LTANKS U000409472
 NY UST N/A
 NY HIST UST
 NY AST
 NY MANIFEST
 NY Spills**

Relative:
 Lower

Actual:
 14 ft.

LTANKS:
 Site ID: 117362
 Spill Number/Closed Date: 0004062 / 3/21/2005
 Spill Date: 6/30/2000
 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: TJDME0
 Referred To: Not reported
 Reported to Dept: 7/5/2000
 CID: 397
 Water Affected: Not reported
 Spill Notifier: Tank Tester
 Last Inspection: Not reported

Map ID
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AUTOMOTIVE TRADE HS 610 - BROOKLYN K610 (Continued)

U000409472

Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 7/5/2000
Spill Record Last Update: 6/12/2009
Spiller Name: Not reported
Spiller Company: NONE
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: FRANK CARDELLO
Spiller Phone: (718) 391-6832
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 17675
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"3/21/2005 This spill number (tank test failure) is being closed out and consolidated with a new spill (#0413160) which involves the removal of this tank and contaminated soil found around it.
Remarks: tank test failure, no product leaked

Material:
Site ID: 117362
Operable Unit ID: 825295
Operable Unit: 01
Material ID: 568984
Material Code: 0002A
Material Name: #4 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: 117362
Spill Tank Test: 1525742
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: 412394
Spill Number/Closed Date: 0900454 / 3/22/2011
Spill Date: 4/13/2009
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Map ID
Direction
Distance
Elevation

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EDR ID Number
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AUTOMOTIVE TRADE HS 610 - BROOKLYN K610 (Continued)

U000409472

Willing Responsible Party. Corrective action taken.

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: LXZIELIN
Referred To: Not reported
Reported to Dept: 4/13/2009
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: 4/13/2009
Spill Record Last Update: 3/22/2011
Spiller Name: KEVIN BOGER
Spiller Company: NYC SCHOOL CONSTRUCTION AUTHORITY
Spiller Address: 3030 THOMSON AVE
Spiller City,St,Zip: LONG ISLAND CITY, NY
Spiller County: 999
Spiller Contact: JOSE ORCENI
Spiller Phone: (201) 797-1909
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 17675
DEC Memo: 4/24/2009 TTF letter sent to:NYC Dept of Field Operations - Fuel
DivisionMr. James Merlo44-36 Vernon BlvdLong Island City, NY
111016/12/09. J.Krimgold reviewed and approved the proposed scope of
work outlined in the letter report submitted by TRC and dated June 2,
2009.01/28/10. J.Krimgold reviewed the SIR dated 08/07/09 and concurs
with conclusions and recommendations of the report. However,
requested closure of waste oil tank and submittal of appropriate Bulk
Storage Application.02/17/11 - LZThe waste oil tank was permanently
closed in place (edocs), which meets DEC requirements. An application
was submitted to change the status of the tank. However, it has been
returned to the applicant since the tightness test for another tank
at the facility is overdue.The spill case is closed.

Remarks: TANK TEST FAILURE ON A 1000 GALLON UST UNK IF ANY PRODUCT WAS SPILLED.
Not reported

Material:
Site ID: 412394
Operable Unit ID: 1168865
Operable Unit: 01
Material ID: 2160496
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
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AUTOMOTIVE TRADE HS 610 - BROOKLYN K610 (Continued)

U000409472

Tank Test:

UST:

Id/Status: 2-355305 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2013/06/28
UTM X: 588458.31772000005
UTM Y: 4508426.0155499997

Affiliation Records:

Site Id: 17703
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: DMMOLOUG
Date Last Modified: 4/1/2013

Site Id: 17703
Affiliation Type: On-Site Operator
Company Name: AUTOMOTIVE TRADES H.S. - BROOKLYN K610
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: 10/24/2012

Site Id: 17703
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 44-36 VERNON BOULEVARD
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101

Map ID
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Database(s)

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AUTOMOTIVE TRADE HS 610 - BROOKLYN K610 (Continued)

U000409472

Country Code: 001
Phone: (718) 349-5752
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2/26/2013

Site Id: 17703
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: 2/14/2013

Tank Info:

Tank Number: 01
Tank ID: 34645
Tank Status: Closed - In Place
Capacity Gallons: 20000
Install Date: 01/01/1938
Date Tank Closed: 07/26/2012
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: 00
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 10/24/2012

Equipment Records:

K00 - Spill Prevention - None
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)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Map ID
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Database(s)

EDR ID Number
EPA ID Number

AUTOMOTIVE TRADE HS 610 - BROOKLYN K610 (Continued)

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L00 - Piping Leak Detection - None

Tank Number: 03
Tank ID: 228455
Tank Status: Closed - In Place
Capacity Gallons: 1000
Install Date: 01/01/1938
Date Tank Closed: 12/04/2010
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 05/23/2011

Equipment Records:

K00 - Spill Prevention - None
J00 - Dispenser - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
L00 - Piping Leak Detection - None

HIST UST:

PBS Number: 2-355305
SPDES Number: Not reported
Emergency Contact: SCHOOL SAFETY
Emergency Telephone: (212) 979-3300
Operator: PLANT OPERATION
Operator Telephone: (718) 391-6000
Owner Name: CITY OF NEW YORK C/O BOARD OF EDUCATION
Owner Address: 28-11 QUEENS PLAZA NORTH
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Telephone: (718) 391-6832
Owner Type: Local Government
Owner Subtype: Not reported
Mailing Name: BOARD OF EDUCATION
Mailing Address: 28-11 QUEENS PLAZA NORTH
Mailing Address 2: 5TH FLOOR
Mailing City,St,Zip: LONG ISLAND CITY, NY 11101
Mailing Contact: FRANK CARDELLO NTROL
Mailing Telephone: (718) 391-6832
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is

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AUTOMOTIVE TRADE HS 610 - BROOKLYN K610 (Continued)

U000409472

greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: 50 BEDFORD AV
SWIS ID: 6101
Old PBS Number: Not reported
Facility Type: SCHOOL
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 09/02/1998
Expiration Date: 06/28/2003
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 20000
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): 20000
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: Diking
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: 12/27/1987
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

AST:

Region: STATE
DEC Region: 2
Site Status: Active

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Elevation

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Database(s)
EDR ID Number
EPA ID Number

AUTOMOTIVE TRADE HS 610 - BROOKLYN K610 (Continued)

U000409472

Facility Id: 2-355305
Program Type: PBS
UTM X: 588458.31772000005
UTM Y: 4508426.0155499997
Expiration Date: 2013/06/28

Affiliation Records:

Site Id: 17703
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: DMMOLOUG
Date Last Modified: 4/1/2013

Site Id: 17703
Affiliation Type: On-Site Operator
Company Name: AUTOMOTIVE TRADES H.S. - BROOKLYN K610
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: 10/24/2012

Site Id: 17703
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: Not reported
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: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2/26/2013

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AUTOMOTIVE TRADE HS 610 - BROOKLYN K610 (Continued)

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Site Id: 17703
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: 2/14/2013

Tank Info:

Tank Number: 002
Tank Id: 214061
Material Code: 0001
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
H00 - Tank Leak Detection - None
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)
L00 - Piping Leak Detection - None
3
Tank Location:
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 05/19/2006
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: NRLOMBAR
Last Modified: 03/19/2013

Tank Number: 004
Tank Id: 239388
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

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AUTOMOTIVE TRADE HS 610 - BROOKLYN K610 (Continued)

U000409472

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None
L00 - Piping Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/16/2011
Capacity Gallons: 450
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 03/19/2013

NY MANIFEST:

EPA ID: NYR000083642
Country: USA
Mailing Name: AUTOMOTIVE HIGH SCHOOL
Mailing Contact: ADRIENNE M SPENCER
Mailing Address: 50 BEDFORD AVE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11222
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-537-3835

NY MANIFEST:

No Manifest Records Available

SPILLS:

Facility ID: 0413160
DER Facility ID: 17675
Facility Type: ER
Site ID: 339016
DEC Region: 2
Spill Date: 3/17/2005
Spill Number/Closed Date: 0413160 / Not Reported
Spill Cause: Equipment Failure
Spill Class: Not reported
SWIS: 2401

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AUTOMOTIVE TRADE HS 610 - BROOKLYN K610 (Continued)

U000409472

Investigator: AXDORONO
Referred To: REPORT #2 (03/04/13) REVIEWED
Reported to Dept: 3/17/2005
CID: 409
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Local Agency
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: 3/18/2005
Spill Record Last Update: 5/2/2013
Spiller Name: LEE GUGERMAN, MS.
Spiller Company: SCA
Spiller Address: 30-30 THOMSON AVE.
Spiller City,St,Zip: LIC, NY 11101
Spiller Company: 001
Contact Name: LEE GUGERMAN, MS.
Contact Phone: (718) 472-8502
DEC Memo: 3/21/2005 There was an earlier tank test failure spill number (0004062-DeMeo) which has now been closed out in favor of this new spill number. Earth Tech believes that the old tank was relined after the tank failed the prior tank test several years ago, however no work was ever done to remediate the contamination which occurred because of that leak. Earth Tech believes that approx 2 years ago this buried tank was taken out of service. Since that time the building has been supplied by an above ground 5,000 gal tank. Unknown if the buried tank was ever emptied. Earth Tech recently did soil borings around the UST area and came back with high contamination levels. This information was forwarded to the City SCA (SCA Contact: Lee Gueterman 718-472-5802) SCA has now decided to removed the UST and excavate out the contaminated soil around it. Earth Tech is modifying the standard city bid package to site specific conditions and will work with the city as they put the excavation/remediation work out to bid. Bid package should go out around April 1st, 2005. Work should be done summer 2005. 04/13/06- Case was transferred from Jake Krimgold to Koon Tang.

-----7/9/07: Reassigned from Koon Tang to Kartik Chanda (Chanda) 7/18/07: Kartik Chanda of DEC reviewed all documents regarding this spill case. On 7/18/07, Chanda sent a letter to Ms. Lee Gueterman, Manager IEH Department, NYC School Construction Authority, requiring that the following documents be submitted to the DEC for review by 9/4/07. 1. An explanation of the cause of the tank system failure; 2. Either a description of the work performed to restore the integrity of the tank system (including retesting results), or a description of the work performed to close (decommission) the tank; 3. Information regarding petroleum contamination found at the site and cleanup activities (if any) associated with a release from this tank system; 4. Any available documentation (i.e., invoices, bills, sampling analysis reports, etc.) pertaining to the work performed at this site associated with this violation. 10/29/07: Chanda called Mr. Drew Pardus (NYCSCA) to get

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AUTOMOTIVE TRADE HS 610 - BROOKLYN K610 (Continued)

U000409472

updated information regarding this spill site. He stated that NYCSCA is finding the information regarding this spill. NYCSCA will send an investigation report shortly.12/6/07: Chanda received an email (see edocs) from Ms. Lee Guterman, NYCSCA. She stated that "The Investigation Summary Report for Automotive Trade HS has been prepared and is under my review. A Remedial Action Plan is being prepared and is anticipated to be completed by 12/15/07." 2/12/08: Chanda received a Subsurface Investigation Summary Report from NYCSCA, prepared by TRC Engineers, Inc. (TRC), dated November 9, 2007.2/28/08: Chanda has reviewed the Subsurface Investigation Summary Report and has the following comments:-Subsurface investigation report regarding the 20,000-gallon #4 fuel oil UST. - About two years ago, a tank tightness test was performed and the tank failed. At that time UST was taken out of service and a temporary 5,000-gallon AST was installed to supply #2 fuel oil to the boiler.- The soil data indicated that the UST had leaked and had contaminated the surrounding soils near the UST and the supply line to the building. VOCs and SVOCs were detected in soil samples. The greatest impacts appear to be in the immediate vicinity of the UST and just below the depth of UST near the water table. -VOC were not detected in groundwater beneath the site. Several SVOCs were detected in groundwater beneath the site. -The results of finger print analysis indicate that the impacts are associated with #4 fuel oil.- The groundwater table has been measured between 10 and 11 feet bgs.- Removal of UST and associated impacted soil could potentially damage the adjacent school building and concrete vehicle access ramp.3/3/08: Chanda discussed with Joe Sun (supervisor),and sent a letter with Stips and generalized Corrective Action Plan via certified mail to RP (Ms. Lee Guterman) and Mr. Drew Pardus (NYCSCA). The Department requires installation of permanent monitoring wells to determine the correct groundwater flow direction at the site. The signed STIP must be submitted to DEC by 3/25/08.3/24/08: The Stipulation Agreement was signed by the RP (The New York City Department of Education).3/31/08: Chanda sent a fully executed STIP to the RP and required that a Subsurface investigation and monitoring well installation report be submitted to DEC by 6/2/08 for review and approval.4/3/08: Chanda received a Subsurface Investigation Work Plan from NYCSCA, prepared by TRC Engineers, Inc. (TRC)dated March 18, 2008.4/4/08: Chanda has reviewed the Subsurface Investigation Work Plan and has the following comments:-TRC will advance ten (10) soil borings across the Site as part of monitoring well installation. Soil samples will be analyzed for the STARS volatile organic compounds (VOCs) and STARS SVOCs.-TRC will install nine (9) two-inch diameter and one (1) four inch diameter flush mounted permanent groundwater monitoring wells. The wells will be screened approximately 5 feet above the water table and 10 feet below the water table. The samples will be analyzed for STARS VOCs and STARS SVOCs.4/7/08: Chanda sent the work plan approval letter to Ms. Lee Guterman, NYCSCA and her consultant (TRC Engineers Inc.), requiring that an Investigation Report must be submitted to the Department by June 2, 2008 for review and approval.4/17/08: Chanda received the following email from Mr. Drew Pardus, NYCSCA:"TRC is scheduled to start performing the field work for theinvestigation on April 24, 2008. We will provide the investigationreport as soon as it is available.Please feel free to contact me if you have any questions or comments.Sincerely,Drew Pardus"6/2/08: Chanda received an email from Mr. Bob Kanaparthi, NYCSCA, regarding one week time extension to submit the Investigation

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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

AUTOMOTIVE TRADE HS 610 - BROOKLYN K610 (Continued)

U000409472

Report for this site. Chanda sent an extension approval letter to Ms. Guterman, NYCSCA. The Deadline is extended to 6/9/08.6/9/08: Chanda received a Site Investigation Report from NYCSCA, prepared by TRC Engineers, Inc., dated June 6, 2008. (see eDocs)7/3/08: Chanda has reviewed the site investigation report and has the followings:-The site consists of a three-story public school building with basement, and asphalt-paved parking and landscaped areas.-The results of the analyses of the soil samples revealed detectable concentrations of VOCs and SVOCs.- Permanent flush mounted ten (10)GW monitoring wells were installed at the site.-The depth to groundwater measured at the Site is approximately 8 to 10 feet bgs.-No SVOCs detected in GW at concentrations exceeding Class GA Values.-Several VOCs were detected in GW samples.-NAPL was not encountered in any of the GW monitoring wells during gauging with an oil /water interface probe.-Based on GW table surface elevation measurements, only a slight gradient, indicating a predominant inward flow direction, exists beneath the site.Based on the results of site investigation, and considering the result of previous investigation, TRC concluded that there is a potential damage of school building that could result from attempting to remove the 20,000-gallon UST from the site. TRC recommended the following:* Permanently close-in-place the 20,000-gallon UST;* In-service waste oil UST identified during the geophysical survey is registered, operated and maintained in accordance with applicable regulations;* Close or take out of service the concrete vault in accordance with applicable regulations;* Monthly monitoring of the permanent groundwater monitoring wells for light NAPL to confirm that it is not present;* Implement a program to ensure proper maintenance of the asphalt pavement in the vicinity of the UST and impacted subsurface soil;7/9/08: Chanda discussed with Joe Sun, NYSDEC regarding the findings of the Site Investigate Report. It is concluded that the Department (DEC) requires that a Remedial Action Work Plan to remove all contaminated media from this subject site.7/11/08: Chanda sent a letter to RP (Ms. Lee Guterman, NYCSCA) and her consultant (TRC) requiring that a Remedial Action Plan (RAP) be submitted to DEC by 9/11/08 for review and approval.8/1/08: A meeting was held on 7/30/08 among DER staff, NYCSCA and TRC Environmental Consultant Inc. (TRC) to discuss the site investigation results and Remedial Action Plan (RAP) to remediate all the contaminated media. The meeting's consensus was that a RAP be submitted to DEC by 9/11/2008 for review and approval.9/11/08: A follow-up meeting was held on 9/10/08 among DER Staff, Mr. Drew Pardus(NYCSCA), and Mr. David Glass (TRC Environmental) regarding the findings of the recent inspection of the school building basement for this site.As agreed at the meeting, NYCSCA will conduct the following activities associated with the Site:Clean the 20,000-gallon UST in accordance with applicable regulation but leave it unfilled to use a monitoring point for a short time.Clean the standing oil into the concrete vault. Evaluate the size and structure of the concrete vault and determine the piping layout associated with the vault. Also, determine if the pumping system is still in operation or needs to be.Clean the oil strains inside the basement areas and tank vault area to see if they return. Advance several monitoring wells in the vicinity of the 20,000-gallon UST.Prepare and submit a brief work plan with borings and monitoring well locations. Include an implementation schedule.9/11/08: Chanda sent a letter to Ms. Lee Guterman requiring that a brief work plan be submitted to DEC by 10/12/08 for review and approval.10/10/08: Chanda received a Site

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Investigation and Interim Remedial Scope of Work from NYCSCA prepared by TRC Engineers, Inc., dated 10/7/08. Chanda reviewed the work plan. The work plan has the following: * Investigation of Concrete Vault*Removal and Monitoring of "Seeps"* UST and Vault Cleaning and Inspection*Geophysical Survey* Four groundwater Monitoring Wells Installation and Sampling in the vicinity of the 20,000-gallon UST10/31/08: A meeting was held on 10/21/08 between DER staff and NYCSCA to discuss the project status and investigation work plan regarding this site. On 10/30/08, DEC approved the work plan. Chanda sent a letter to NYCSCA and Consultant (TRC) requiring that a report summarizing the findings of the investigation be submitted to the Department by December 30,2008. 05/13/2009: This spill case was transferred to A. Doronova. - ADReviewed the file. The investigation summary report requested by Kartik Chanda of DEC was not submitted yet. AD12/04/2009: Received a RAP. Will review. PDF copy is missing. To request its submission. AD12/08/2009: Received a pdf copy. DL to eDocs. AD12/30/2009: Reviewed the RAP. It states that based on previous investigations, evidence of a UST defect was not found; free product is present in soil and GW in the vicinity of UST, and is apparently being conveyed to the concrete vault via subsurface drainage system beneath the building basement; dissolved phase impacts to GW from the release are minimal and limited to the immediate vicinity of the UST. The RAP proposes the following: closure-in-place of 20,000-gallon UST and annual inspection of a concrete vault, the pump pit in the boiler room, and monitoring wells with removal of accumulated oil (if present). Proposed course of actions is questionable. To discuss the RAP with J. Kolleeny. AD01/06/2010: Discussed the RAP with J. Kolleeny of DEC. Called and spoke with D. Pardus of SCA regarding the RAP and vault investigation. He requested a meeting with DEC. Scheduled the meeting for January 21, 2010. AD 01/21/2010: I and J. Kolleeny of DEC met with Drew Pardus and Bob Kanaparthi of NYCSCA and Charles Guder of TRC. Discussed the proposed RAP. It was agreed that two additional soil borings will be advanced in the vicinity of the concrete vault, and based in the field observation of the soil samples, one boring will be finished as a permanent monitoring well. It was decided that gauging of the site monitoring wells and vault pumping will be performed quarterly and GW sampling will be semi-annually. Addendum to the RAP will be submitted to DEC for review and approval. AD04/30/2010: Called and spoke with D. Pardus regarding submission of the addendum to the RAP. He said that it was prepared and is now under review for budgetary approval. AD06/20/2011: Received an e-mail from Drew Pardus saying:"Ainura, In order to continue progress at Automotive Trade HS to remediate DEC Spill 0413160 and in light of constrained City budgets, an inspection of the out-of-service pump station where oil accumulates was performed. TRC's observations of this inspection and removal of oil from the out-of-service pump station (by PTC on behalf of DSF) are provided below. Another site inspection and visual monitoring of the permanent wells will be performed in approximately three months to determine if free product is observed. If no free product is observed after multiple inspections, SCA will request that the fuel oil tank may filled (i.e., closed via abandonment) and no further action for Spill Case 0413160. Please feel free to contact me at 646-577-8280 if you have any questions.Sincerely, Drew Pardus"DL the attached document to eDocs. AD03/27/2012: Received an e-mail from S. Kline of SCA saying:"Ms. Doronova- As per your request, our consultant (TRC) has

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prepared the attached remediation action work plan addendum for the above referenced spill case. Our consultant will proceed with the scope of work described in the attached documents as soon as we have NYSDEC approval and we have secured funding for these additional remedial measures. Since Drew Pardus is no longer working on this project, I will be the SCA point of contact for this project moving forward. Please contact me with any questions or comments.

Regards-Stephen Kline, P.E. NYC School Construction Authority | EHD Division | 30-30 Thomson Avenue | Long Island City, NY 11101 | Cell (347) 242-7109 | Stephen.kline@gza.com"DL the attached report and letter to eDocs. Will review. AD04/20/2012: Reviewed the work plan. It states that TRC proposes to do site investigation via advancing two soil borings with collection of soil sampling; installation on one monitoring well; quarterly groundwater monitoring and free product recovery. Soil sampling will include the following: TRC will advance two (2) soil borings (TRC-SB-1 and TRC-SB-2) adjacent to the subsurface drainage pipe between the concrete vault and the building (refer to Figure 1 for the boring locations). Geologic descriptions of the soil and field screening results will be recorded in field logs. One groundwater monitoring well (TRC-MW15) will be installed in one of the boreholes. The well will be installed in TRC-SB-1 as shown if no evidence of contamination is observed during the subsurface investigation. If contamination is observed, the monitoring well will be installed in the borehole showing the highest evidence of contamination. Quarterly groundwater monitoring will be performed for a period of one year. - Monitoring wells TRC-MW-1, TRC-MW-2, TRC-MW-3, TRC-MW-4, TRC-MW-5, TRC-MW-6, TRC-MW-7, TRC-MW-8, TRC-MW-9, TRC-MW-10, TRC-MW-11, TRC-MW-12, TRC-MW-13, TRC-MW-14, and TRC-MW-15 will be inspected and gauged. Any wells found to be damaged will be assessed for re-installation. - The entire monitoring well network will be gauged and sampled during the first quarterly monitoring event. If LNAPL is present in a well, groundwater will not be analyzed from that monitoring well. If the results of the analyses of groundwater from monitoring wells TRC-MW-6, TRC-MW-8, and TRC-MW-10 (upgradient wells) from the first quarterly sampling round are below Class GA Values, these wells will not be sampled during subsequent quarterly events. However, all wells will be gauged during each quarterly event. A quarterly monitoring report with conclusions and recommendations for further actions, if necessary, will be submitted to DEC. Vault Inspections and Product Removal: TRC will perform the following activities under this task: - periodic inspections and product removal at the concrete vault for a period of one year. For the first quarter, TRC anticipates performing 6 events (three during the first month, two during the second month, and one during the third month). Inspections/product removal events will occur once per quarter thereafter. - If oil is present in the vault, the procedure below will be followed: - The depth to the oil will be gauged and recorded; - The thickness of the oil and the thickness of the water will be gauged and recorded; and, - The oil and water will be removed from the vault by a vacuum truck for off-Site disposal. If no oil is detected in the concrete vault, the depth to the liquid in the vault will be gauged and recorded. - Similarly the boiler room pump pit and on-Site monitoring wells will be gauged for oil. If oil is detected in a groundwater monitoring well, the depth and thickness (if possible) of the oil will be measured and recorded, and the oil will be removed by a vacuum truck for off-Site disposal. If oil is detected in the boiler room pump pit, the pump system will be

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immediately shut down and the NYCDOE Division of School Facilities and the NYCSCA will be contacted to determine the appropriate course of action. - Waste generated will be properly transported off-Site for disposal in accordance with applicable laws and regulations. - The information collected during the vault inspections/product removal will be submitted with the quarterly monitoring reports. AD04/24/2012: Discussed the work plan with J. Kolleeny of DEC. AD04/25/2012: issued and sent an approval letter to L. Guterman of SCA. DL pdf copy of the letter to eDocs. AD12/21/2012: Received a Project Progress Report #1 from TRC. DL the report to eDocs. Will review. AD02/01/2013: Reviewed the report. It states that field activities were conducted at the Site between July 14 and October 18, 2012. During this period, the following activities were completed at the site: In-place closure of the 20,000-gallon underground storage tank (UST);A 20,000-gallon UST, which is located beneath an asphalt paved parking lot north of the school building, was formerly used to store No. 4 and No. 6 fuel oil for the school's boiler and was taken out-of-service in 2003 and was cleaned in 2009. In accordance with the NYSDEC-approved RAP and RAP Addendum, the 20,000-gallon UST was permanently closed in-place in accordance with the applicable requirements of the NYSDEC and the FDNY on July 26, 2012. Prior to closing the UST in place, the UST was inspected to verify that the UST did not require additional cleaning. The UST was observed to contain a small amount of water but there was no evidence of residual product. The remaining contents of the 20,000-gallon UST were removed utilizing a vacuum truck and the UST and concrete hatch were then completely filled with concrete slurry; Geophysical survey; Subsurface soil investigation and installation of a permanent monitoring well;A hollow stem auger rig was used to retrieve soil samples. Soil samples were collected and screened for evidence of field contamination continuously from the ground surface to the boring completion depth. No visual or olfactory indications of contamination were observed in any of the soil samples collected. Soil boring TRC-SB-1/MW15 was advanced, east of and adjacent to the subsurface drainage pipe, to approximately 21 feet bgs. One discrete soil sample, collected from 9 to 11 feet bgs, was selected for laboratory analysis. Groundwater was encountered at approximately 11 feet bgs in TRC-SB-1/MW15. Soil boring TRC-SB-2 was advanced, west of and adjacent to the subsurface drainage pipe, to approximately 21 feet bgs. One discrete soil sample, collected from 9 to 11 feet bgs, was selected for laboratory analysis. Groundwater was encountered at approximately 11 feet bgs in TRC-SB-2. Soil boring location TRC-SB-1/MW15 was converted into a permanent monitoring well and soil boring location TRC-SB-2 was patched at the surface with concrete. VOCs and SVOCs were not detected in any of the soil samples at concentrations above the SCLs for Fuel Oil Contaminated Soil found in Table 3 of CP-51. One round of Quarterly groundwater sampling;The first round of quarterly groundwater samples were collected from existing permanent monitoring wells TRC-MW1, TRC-MW3, TRC-MW4, TRC-MW-5, TRC-MW6, TRC-MW7, TRC-MW8, TRCMW9, and TRC-MW10, and from newly installed permanent monitoring well TRC-MW15 on July 26, 2012, July 30, 2012 and August 2, 2012. LNAPL was present in monitoring wells TRC-MW2, TRCMW11, TRC-MW12, TRC-MW13, and TRC-MW14 and these wells were therefore not sampled. The thickness of LNAPL in these monitoring wells could not be accurately gauged due to the viscosity of the LNAPL. An obstruction (debris) was encountered in TRC-MW9 on July 26, 2012, which was cleared by TRC on July 27, 2012 using

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one-inch PVC well screen. The well was redeveloped by TRC on July 30, 2012 and an inspection of the well and purge water indicated that the well was suitable for sampling. TRC-MW9 was sampled on August 2, 2012. The results of the analysis of groundwater sampling indicate that MTBE was the only VOC detected at a concentration exceeding the corresponding Class GA Value. MTBE was detected at a concentration of 8.3 ug/l in well TRC-MW8, which slightly exceeds the Class GA Value of 5 ug/l for MTBE. Monitoring well TRC-MW8 is upgradient of the Site and TRC concludes that the concentration of MTBE in the well is likely attributable to an off-site source and not to an on-site release. No other VOCs were detected in any of the groundwater samples at concentrations exceeding Class GA Values. SVOCs were not detected in any of the groundwater samples at concentrations exceeding Class GA Values. With the exception of a marginal exceedance of MTBE in TRC-MW8, which is attributable to an off-site source or regional conditions, VOCs and SVOCs were not detected in groundwater samples collected. Therefore, TRC recommends that upgradient monitoring wells TRC-MW6 and TRC-MW10 will not be sampled during subsequent quarterly groundwater sampling rounds. Four months of concrete vault and boiler room pump pit inspections; Four months of monitoring well gauging; and Four months of light non-aqueous phase liquid (LNAPL) recovery events. The concrete vault north of the school building, the boiler room pump pit, and the groundwater monitoring well network were inspected and gauged for the presence of LNAPL on July 26, August 2, August 9, September 5, September 26, and October 18, 2012 by TRC. LNAPL was present during these events in the concrete vault and monitoring wells TRC-MW2, TRC-MW11, TRC-MW12, TRC-MW13, and TRC-MW14. The thickness of the LNAPL could not be accurately determined due to the high viscosity of the oil identified in the concrete vault and monitoring wells. However, based on observations noted using a bailer, monitoring well TRC-MW11 was observed to contain only minimal amounts of LNAPL. LNAPL was not present in monitoring wells TRC-MW1, TRC-MW3 through TRC-MW10, TRC-MW15 and in the boiler room pump pit. LNAPL Product Recovery Periodic recovery of LNAPL on behalf of the NYCSCA has been performed at the Site since July 2012. LNAPL was removed from the concrete vault north of the school building and groundwater monitoring wells TRC-MW2, TRC-MW11, TRC-MW12, TRC-MW13, and TRC-MW14 on July 26, August 2, August 9, September 5, September 26, and October 18, 2012. During the recovery events, the thickness of the LNAPL could not be accurately determined due to the high viscosity of the LNAPL; however, based on observations noted using a bailer, the thickness of the LNAPL was estimated to be less than 6 inches. LNAPL was removed from the concrete vault and groundwater monitoring wells using a vacuum truck. The procedure for removal of LNAPL at the Site consisted of the following: The contents of the bottom of the concrete vault were removed below the elevation of the subsurface drainage pipe. This allowed LNAPL present in the pipe to flow into the concrete vault. LNAPL and water was then pumped from the concrete vault into the vacuum truck. The vacuum truck was then used to pump oil and water from the monitoring wells containing LNAPL (TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14). Since monitoring well TRC-MW11 was observed to contain only minor amounts of LNAPL, an oil absorbent sock was placed in this well for product recovery. The oil absorbent sock was removed and replaced during each recovery event and containerized in a 55-gallon steel drum which is staged on site. Approximately 15,604 gallons of LNAPL and water has been removed from the concrete vault

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and monitoring wells containing LNAPL (TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14) from July through October 2012. Table 5 presents the amount of LNAPL and water recovered during each extraction event. The following activities are planned by TRC during the second quarter.- Quarterly inspections and product removal of the concrete vault and monitoring wells TRC-MW2, TRC-MW11, TRC-MW12, TRC-MW13, and TRC-MW14 will continue. Progress Report #2 will be submitted to the NYSDEC following the next inspection and product removal event, which will be performed in January 2013.- The entire monitoring well network will be gauged during subsequent quarterly events. Quarterly sampling of the monitoring well network (with the exception of upgradient monitoring wells TRC-MW6, TRC-MW10, and any monitoring well which contains LNAPL) will continue. Progress Report #2 will include groundwater sampling results from the next round of groundwater sampling, which was performed in October 2012. AD03/04/2013: Received a project progress Report # 2. DL the report to eDocs. Will review. AD04/08/2013: Reviewed the report. It states that TRC performed field activities at the site between October 18, 2012 and January 25, 2013. During this period, the following activities were completed:- Two rounds of quarterly groundwater sampling (October 2012 and January 2013);- Concrete vault and boiler room pump pit inspection (January 2013);- Monitoring well gauging (January 2013); and- LNAPL recovery event (January 2013). Quarterly Groundwater Sampling: Groundwater samples were collected from 8 permanent monitoring wells: TRC-MW1, TRC-MW3, TRC-MW4, TRC-MW5, TRC-MW7, TRC-MW8, TRC-MW9, and TRC-MW15 on October 17 and 18, 2012 and on January 21 and 22, 2013. LNAPL was present in 5 monitoring wells: TRC-MW2, TRC-MW11, TRC-MW12, TRC-MW13, and TRC-MW14 and therefore, these wells were not sampled. The results of the analysis of groundwater sampling indicate the VOC methyl tert-butyl ether (MTBE) was the only VOC detected at a concentration exceeding the corresponding Class GA Value during the October 2012 and January 2013 sampling events in well TRC-MW8: MTBE - 12ppb in October 2012 - 5.1ppb in January 2012. Concrete Vault/Boiler Room Pump Pit Inspections and Monitoring Well Gauging: The concrete vault north of the school building, the boiler room pump pit, and the groundwater monitoring well network were inspected and gauged for the presence of LNAPL on January 21, 2013 by TRC. LNAPL was present in the concrete vault and in 5 monitoring wells: TRC-MW2, TRC-MW11, TRC-MW12, TRC-MW13, and TRC-MW14. LNAPL was not present in the boiler room pump pit or in monitoring wells TRC-MW1, TRC-MW3 through TRC-MW9, and TRC-MW15. The thickness of the LNAPL cannot be accurately determined due to the high viscosity of the oil identified in the concrete vault and monitoring wells. However, TRC determined the approximate thickness of the LNAPL in monitoring wells TRC-MW2, TRC-MW11, TRC-MW12, TRC-MW13, and TRC-MW14 on January 21, 2013. An oil/water interface probe was used to measure the thickness of LNAPL by lowering the probe to the depth of LNAPL, then submerging the probe into the water until the sound indicated the presence of water, then raising the probe until the oil indicator sounded. LNAPL Product Recovery: Periodic recovery of LNAPL on behalf of the NYCSCA has been performed at the site since July 2012. LNAPL was removed from the concrete vault north of the school building and groundwater monitoring wells TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14 on January 21, 2013, consistent with the NYSDEC-approved RAP and RAP Addendum. During the recovery event, the thickness of the LNAPL in the concrete vault could not be accurately determined due to the high viscosity of the LNAPL. LNAPL was removed from the concrete vault and groundwater

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monitoring wells using a vacuum truck. The procedure for removal of LNAPL at the Site consisted of the following: - The contents of the concrete vault were removed below the elevation of the building underdrain pipe. This allowed LNAPL present in the pipe to flow into the concrete vault. LNAPL and water was then pumped from the concrete vault into the vacuum truck. - The vacuum truck was then used to pump oil and water from the monitoring wells containing LNAPL (TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14). The oil absorbent sock present in TRC-MW11 was saturated with LNAPL and was removed and replaced. The saturated sock was containerized in a 55-gallon steel drum which is staged on site. Approximately 3,650 gallons of LNAPL and water was removed from the concrete vault and monitoring wells containing LNAPL (TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14) on January 21, 2013. A total of approximately 40 gallons of LNAPL and water were removed from each monitoring well and approximately 3,490 gallons of LNAPL and water were removed from the concrete vault for offsite disposal. The LNAPL and water removal was performed by Brookside under the supervision of TRC and transported to Clean Water of New York, Inc., of Staten Island, New York (Clean Water) for disposal. Approximately 19,254 gallons of LNAPL and water has been removed from the concrete vault and monitoring wells containing LNAPL (TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14) from July 2012 to January 2013. Table 3 presents the amount of LNAPL and water recovered during each extraction event. Although accurate measurements of LNAPL thicknesses in the wells were not able to be obtained during previous events, based on measurements obtained during the January 2013 extraction event, previous observations made via bailing and also during the extraction events, TRC states that the LNAPL thicknesses in the wells appear to be decreasing. TRC will continue with quarterly inspection and LNAPL removal from the concrete vault and monitoring wells. Progress Report #3 will be submitted to the NYSDEC following the next inspection and product removal event, which will be performed in April 2013. AD

Remarks:

OLD TANK THAT WAS INSTALLED AND WANTED IT TO BE REOVED. THEY TOOK TESTS AND FOUND THAT THE TANK HAS LEAKED. THE TANK HAS FAILED MANY TIMES BEFORE. TOOK TESTS FROM THE SOIL. HAS NOT BEEN CLEANED OR REMOVED. OUTSIDE UNDERGROUND TANK. 20,000 GAL CAPACITY.

Material:

Site ID: 339016
Operable Unit ID: 1100934
Operable Unit: 01
Material ID: 581083
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

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156
 SW
 1/4-1/2
 0.401 mi.
 2117 ft.

CLOSED-LACKOF RECENT INFO
275 NORTH 8TH ST.
NEW YORK CITY, NY

NY LTANKS **S104275493**
 N/A

Relative:
Lower

LTANKS:

Actual:
14 ft.

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

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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

157
WNW
1/4-1/2
0.408 mi.
2156 ft.

**NASH METALWARE CO, INC
1 NASSAU AVENUE
BROOKLYN, NY 11222**

**NY LTANKS U001840125
NY UST N/A
NY HIST UST
NY MANIFEST
NY CBS**

**Relative:
Lower**

LTANKS:
Site ID: 332794
Spill Number/Closed Date: 0408142 / 5/11/2009
Spill Date: 10/22/2004
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.

**Actual:
14 ft.**

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: BKFALVEY
Referred To: Not reported
Reported to Dept: 10/22/2004
CID: 407
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: 10/22/2004
Spill Record Last Update: 5/11/2009
Spiller Name: STEHPANIE EISENBERG
Spiller Company: Not reported
Spiller Address: 1 NASSAU AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller County: 001
Spiller Contact: STEHPANIE EISENBERG
Spiller Phone: (718) 384-1500
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 15779
DEC Memo: 8/05-Spoke with A-1 Crown leak. Will get back to me with the owner information.9/05-Spoke to Stephanie Eisenberg. tank is no longer in use. Will send in paperwork. S. Scharf4/06- Called stepahnie

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NASH METALWARE CO, INC (Continued)

U001840125

Remarks: Eisenberg- reminded her to send in the paperwork that tanks is empty and building now uses gas.9/14/06 called Stephanie Eisenberg (owner) - left message. bf9/21/06 ttf letter sent to S. Eisenberg. bf4/29/09 On 3/30/09, received letter from Mark Salamack of PTC. Tank failed because of many connections to heaters throughout the building were not properly sealed off. No contamination found when tank was removed. No odors or staining of soil found. Three samples taken from under the tank. Minor exceedances in 1 Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene. NFA. bf
PBS No: 2-333166

Material:

Tank Test:

Site ID: 332794
Spill Tank Test: 1548276
Tank Number: 1
Tank Size: 10000
Test Method: 03
Leak Rate: 0
Gross Fail: Not reported
Modified By: Watchdog
Last Modified: 10/22/2004
Test Method: Horner EZ Check I or II

UST:

Id/Status: 2-333166 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 588304.00863000005
UTM Y: 4508454.8738799999

Affiliation Records:

Site Id: 15799
Affiliation Type: On-Site Operator
Company Name: NASH METALWARE CO, INC
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) 384-1500
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2/5/2009

Site Id: 15799
Affiliation Type: Emergency Contact
Company Name: NASH METALWARE CO INC.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NASH METALWARE CO, INC (Continued)

U001840125

Contact Type: Not reported
Contact Name: STEPHANIE EISENBERG
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (646) 552-7208
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2/5/2009

Site Id: 15799
Affiliation Type: Facility Owner
Company Name: NASH METALWARE CO INC.
Contact Type: PRES
Contact Name: STEPHANIE EISENBERG
Address1: PO BOX 383 / 1 NASSAU AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 384-1500
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2/5/2009

Site Id: 15799
Affiliation Type: Mail Contact
Company Name: NASH METALWARE CO., INC.
Contact Type: Not reported
Contact Name: STEPHANIE EISENBERG
Address1: 1 NASSAU AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 384-1500
EMail: AMERICANMETAL@MINDSPRING.COM
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 1/23/2009

Tank Info:

Tank Number: 001
Tank ID: 35326
Tank Status: Closed - Removed
Capacity Gallons: 10000
Install Date: Not reported
Date Tank Closed: 01/20/2009
Registered: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NASH METALWARE CO, INC (Continued)

U001840125

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: 09/22/1999
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 02/05/2009

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
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
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None

HIST UST:

PBS Number: 2-333166
SPDES Number: Not reported
Emergency Contact: COASTAL PETROLEUM TANK CO
Emergency Telephone: (212) 475-4263
Operator: JOHN DI FALCO
Operator Telephone: (718) 384-1500
Owner Name: EISENBERG, STEPHANIE
Owner Address: 1 NASSAU AV
Owner City,St,Zip: BKLN, NY 11222
Owner Telephone: (718) 384-1500
Owner Type: Not reported
Owner Subtype: Not reported
Mailing Name: EISENBERG, STEPHANIE
Mailing Address: 1 NASSAU AV
Mailing Address 2: Not reported
Mailing City,St,Zip: BKLN, NY 11222
Mailing Contact: Not reported
Mailing Telephone: (718) 384-1500
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: 1 NASSAU AV
SWIS ID: 6101
Old PBS Number: Not reported
Facility Type: Not reported
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 05/15/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NASH METALWARE CO, INC (Continued)

U001840125

Expiration Date: 07/28/2003
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 10000
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: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 10000
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: Product Level Gauge
Dispenser: Suction
Date Tested: 09/22/1999
Next Test Date: 09/22/2004
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

NY MANIFEST:

EPA ID: NYD001338631
Country: USA
Mailing Name: NASH METALWARE CO
Mailing Contact: NASH METALWARE CO
Mailing Address: 1 NASSAU AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11222
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-384-1500

NY MANIFEST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NASH METALWARE CO, INC (Continued)

U001840125

No Manifest Records Available

CBS:

CBS Number: 2-000025
Program Type: CBS
Facility Status: Unregulated
Expiration Date: N/A
Dec Region: 2
UTMX: 588270.89497000
UTMY: 4508479.0191200

158
NNW
1/4-1/2
0.419 mi.
2211 ft.

RESIDENCE
92 NORMAN AVE
BROOKLYN, NY

NY LTANKS S107658588
N/A

Relative:
Higher

LTANKS:

Actual:
17 ft.

Site ID: 359744
Spill Number/Closed Date: 0513280 / 2/21/2006
Spill Date: 2/17/2006
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 2401
Investigator: rmpiper
Referred To: Not reported
Reported to Dept: 2/17/2006
CID: 408
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2/17/2006
Spill Record Last Update: 2/21/2006
Spiller Name: JIM CAREY
Spiller Company: RESIDENCE
Spiller Address: 92 NORMAN AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller County: 001
Spiller Contact: JIM CAREY
Spiller Phone: (646) 772-5889
Spiller Extention: CELL
DEC Region: 2
DER Facility ID: 309878
DEC Memo: 2/17/06- DEC Piper confirmed cleanup in progress.2/21/06- DEC Piper spoke w/ Jim Carey of Castle. Due to a faulty gauge, tank overfill to sidewalk. All cleaned up and gauge has been replaced.
Remarks: DUE TO A STOARGE TANK OVERFILL, ON SIDEWALK, CLEAN UP IS IN PROGRESS

Material:

Site ID: 359744
Operable Unit ID: 1116938

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S107658588

Operable Unit: 01
Material ID: 2107403
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

159
ESE
1/4-1/2
0.425 mi.
2244 ft.

**APARTMENT BLDG
243 JACKSON STREET
BROOKLYN, NY**

**NY LTANKS S106971706
NY Spills N/A**

**Relative:
Higher**

LTANKS:

**Actual:
32 ft.**

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APARTMENT BLDG (Continued)

S106971706

Remarks: 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.
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
DER Facility ID: 269562
Facility Type: ER
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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APARTMENT BLDG (Continued)

S106971706

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 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

APARTMENT BLDG (Continued)

S106971706

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 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APARTMENT BLDG (Continued)

S106971706

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
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

160
East
1/4-1/2
0.428 mi.
2259 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 112225112
 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
Facility name: ALBERTS PLATING WORKS BEADEL SITE
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: ALBERTS PLATING WORKS BEADEL SITE
Classification: Not a generator, verified

Date form received by agency: 05/11/1998
Facility name: ALBERTS PLATING WORKS BEADEL SITE
Site name: ALBERTS PLATING WORKS IN DIP
Classification: Large Quantity Generator

Date form received by agency: 02/07/1997
Facility 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALBERTS PLATING WORKS BEADEL SITE (Continued)

1001127924

Investigator: JMKRIMGO
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 Extention: 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 Name: ALBERTS PLATING WORKS BEADEL
Mailing Contact: ALFRED DAGOSTINO
Mailing Address: 50 DIVISION PL
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11222
Mailing Zip4: Not reported
Mailing Country: USA
Mailing 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

AI161
West
1/4-1/2
0.462 mi.
2441 ft.

139 NORTH 10TH STREET
139 NORTH 10TH STREET
BROOKLYN, NY 11211
Site 1 of 2 in cluster AI

NY LTANKS U003418596
NY HIST UST N/A

Relative:
Higher

LTANKS:

Site ID: 191515
Spill Number/Closed Date: 0306649 / 11/13/2006
Spill Date: 9/23/2003
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: BKFALVEY
Referred To: Not reported

Actual:
26 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

139 NORTH 10TH STREET (Continued)

U003418596

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: 11/13/2006
Spiller Name: FRANK
Spiller Company: FRANK DROSS
Spiller Address: 139 NORTH TENTH
Spiller City,St,Zip: BROOKLYN, NY
Spiller County: 001
Spiller Contact: PHIL FAZIN
Spiller Phone: (516) 375-5890
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 25519
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEMO"9/23/03, ROSSAN; DDO: Tank test failure letter was prepared and sent to: Mr. Frank Dross F N W Mechanical 139 North 10th Street Brooklyn, NY 11211 Ed.10/3/05: CBNCalled Phil Fazin, the tank tester and was told he would get back to DEC with more info.9/22/06 ttf letter sent to owner:Sandra MaislenSan Ten Raz LLC120 Pleasant St., Apt. 2Brookline, MA 02446 bf 11/13/06 On 10/12/06, received letter from Sandra Maislen in response to ttf letter. Reviewed letter and the attachments. The fill line, stick line, and vent line failed. I called Petroleum Tanks to see if they remember detecting any contamination when lines were replaced. I was told Mark Salamack was the person in charge of the tank repairs. He was in a meeting at the time of the call and I left a message for him to call me. Mr. Salamack (718-624-4842) called me back and told me that there was no observed contamination and no elevated reading on the PID meter used at the time of the repairs. NFA. bf

Remarks: RECOMMEND TO UNCOVER-EVALUATE AND RE-TEST

Material:
Site ID: 191515
Operable Unit ID: 873086
Operable Unit: 01
Material ID: 560016
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: 191515
Spill Tank Test: 1528698

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

139 NORTH 10TH STREET (Continued)

U003418596

Tank Number: Not reported
Tank Size: 3000
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

HIST UST:

PBS Number: 2-603708
SPDES Number: Not reported
Emergency Contact: SANJER PAZ
Emergency Telephone: (305) 661-6096
Operator: FRANK
Operator Telephone: (718) 384-5751
Owner Name: SANJER RAZ
Owner Address: 1501 VENERA AVENUE, SUITE 225
Owner City,St,Zip: CORAL GABLES, FL 33146
Owner Telephone: (305) 661-6096
Owner Type: Not reported
Owner Subtype: Not reported
Mailing Name: C/O SANJER RAZ
Mailing Address: 1501 VENERA AVENUE
Mailing Address 2: SUITE 225
Mailing City,St,Zip: CORAL GABLES, FL 33146
Mailing Contact: JEROME POLIACOF
Mailing Telephone: (305) 661-6096
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: Not reported
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 10/29/1998
Expiration Date: 10/27/2003
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 3000
FAMT: True
Facility Screen: Minor Data Missing
Owner Screen: Minor Data Missing
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

139 NORTH 10TH STREET (Continued)

U003418596

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
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
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

162
WSW
1/4-1/2
0.463 mi.
2447 ft.

WINTER RESIDENCE
167 N. 9TH ST
BROOKLYN, NY

NY LTANKS S108639569
N/A

Relative:
Higher

Actual:
25 ft.

LTANKS:
Site ID: 381213
Spill Number/Closed Date: 0701659 / 5/10/2007
Spill Date: 5/9/2007
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: jbvought
Referred To: Not reported
Reported to Dept: 5/9/2007
CID: 410
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: 5/10/2007
Spill Record Last Update: 5/10/2007
Spiller Name: ANTHONY LOSQUADRO
Spiller Company: FIJAX FUEL CORP
Spiller Address: 222 VARICK AVE
Spiller City,St,Zip: BROOKLYN, NY 11237

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WINTER RESIDENCE (Continued)

S108639569

Spiller County: 001
Spiller Contact: MR. WINTER
Spiller Phone: (718) 388-3142
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 330604
DEC Memo: 05/10/07-Vought-Off hours responder. Vought called Winters and left message to return call to cell phone. Vought called Vijax and spoke to Anthony Rotello and cause of spill was bad gauge. Spill came out of gauge and onto concrete floor. No sewers or drains affected. Rotello confirmed that spill amount less than five gallons. Gauge will be replaced. No spill out of vent pipe. Vought received call from resident (Ms Winter) is satsified with cleanup and confirmed that spill on concrete and no sewers or drains affected. Vought provided contact info in case additional issues arrise. Spill closed by Vought.
Remarks: SPILL ONTO BASEMENT FLOOR, CLEANUP COMPLETE:

Material:
Site ID: 381213
Operable Unit ID: 1138681
Operable Unit: 01
Material ID: 2128675
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5
Units: Gallons
Recovered: 5
Resource Affected: Not reported
Oxygenate: False

Tank Test:

163
SSW
1/4-1/2
0.471 mi.
2487 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:

AJ164
SE
1/4-1/2
0.477 mi.
2520 ft.

SHELL OIL CO
2 BUSHWICK AVE
BROOKLYN, NY 11211
Site 1 of 3 in cluster AJ

RCRA NonGen / NLR 1000693997
NY LTANKS NYD987001849
NY MANIFEST
NY Spills
US AIRS

Relative:
Higher

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: JERICHO PLZ
JERICHO, NY 11753
Contact: Not reported
Contact address: JERICHO PLZ
JERICHO, NY 11753
Contact country: US

Actual:
38 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000693997

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
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
Facility name: SHELL OIL CO
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: SHELL OIL CO
Classification: Not a generator, verified

Date form received by agency: 05/15/1992
Facility name: SHELL OIL CO
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000693997

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000693997

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 Name: SHELL OIL COMPANY
Mailing Contact: BROOKS PERLEE
Mailing Address: ONE JERICHO PLAZA
Mailing Address 2: Not reported
Mailing City: JERICHO
Mailing State: NY
Mailing Zip: 11753
Mailing Zip4: Not reported
Mailing Country: USA
Mailing 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
TSD 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
DER Facility ID: 317029
Facility Type: ER
Site ID: 274225
DEC Region: 2
Spill Date: 5/16/1989
Spill Number/Closed Date: 8901576 / 5/17/1989
Spill Cause: Human Error

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000693997

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.

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
DER Facility ID: 317029
Facility Type: ER
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000693997

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
DER Facility ID: 317029
Facility Type: ER
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000693997

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-
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 "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 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000693997

Remarks: 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.
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: 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
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

Tank Test:

Facility ID: 0330060
DER Facility ID: 317029
Facility Type: ER
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: SKCARLSO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000693997

Referred To: RAWP DUE 10/12/12
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: 11/8/2012
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 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

Map ID
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Elevation

MAP FINDINGS

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SHELL OIL CO (Continued)

1000693997

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 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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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SHELL OIL CO (Continued)

1000693997

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 November 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 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000693997

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 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, Kolley 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000693997

Remarks: 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?
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: 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000693997

Tank Test:

AIRS (AFS):

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: 1002
Air prog code hist file: 0
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 0
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: 0
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: 0
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: 0
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: 0
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: 0
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO (Continued)

1000693997

Hist compliance date: 1004
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: 0

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

165
ESE
1/4-1/2
0.480 mi.
2535 ft.

**NYC HOUSING AUTHORITY
295 JACKSON AVE
BROOKLYN, NY**

**NY LTANKS S106722316
NY Spills N/A**

**Relative:
Higher**

LTANKS:

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

**Actual:
31 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC HOUSING AUTHORITY (Continued)

S106722316

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
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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC HOUSING AUTHORITY (Continued)

S106722316

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-
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 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.

Remarks: 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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC HOUSING AUTHORITY (Continued)

S106722316

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC HOUSING AUTHORITY (Continued)

S106722316

Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC HOUSING AUTHORITY (Continued)

S106722316

Tank Test:

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

SPILLS:

Facility ID: 0408049
DER Facility ID: 267879
Facility Type: ER
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:

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
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
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.

Remarks:

Material:

Site ID: 332666

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC HOUSING AUTHORITY (Continued)

S106722316

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:

**AJ166
SE
1/4-1/2
0.482 mi.
2545 ft.**

**MERIT METROPOLITAN
810 METROPOLITAN AVE
BROOKLYN, NY**

Site 2 of 3 in cluster AJ

**RCRA NonGen / NLR 1000263777
FINDS NYD982185720
NY LTANKS
NY UST
NY MANIFEST
NY Spills
US AIRS**

**Relative:
Higher**

**Actual:
38 ft.**

RCRA NonGen / NLR:
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT METROPOLITAN (Continued)

1000263777

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
Facility name: MERIT OIL CORP
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: MERIT OIL CORP
Classification: Not a generator, verified

Date form received by agency: 05/11/1987
Facility 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 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT METROPOLITAN (Continued)

1000263777

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
Material ID: 381316
Material Code: 0009
Material Name: Gasoline
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

MERIT METROPOLITAN (Continued)

1000263777

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: 2015/05/23
UTM X: 589406.49727000005
UTM Y: 4507604.8834600002

Affiliation Records:

Site Id: 13734
Affiliation Type: Facility Owner
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: JFLAHERTY@HESS.COM
Fax Number: Not reported
Modified By: tesperbe
Date Last Modified: 12/20/2012

Site Id: 13734
Affiliation Type: Emergency Contact
Company Name: HESS CORPORATION
Contact Type: Not reported
Contact Name: HESS CORPORATION
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (732) 750-6000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT METROPOLITAN (Continued)

1000263777

EMail: Not reported
Fax Number: Not reported
Modified By: TDLANE
Date Last Modified: 7/15/2011

Site Id: 13734
Affiliation Type: Mail Contact
Company Name: HESS CORP.
Contact Type: Not reported
Contact Name: JANICE FLAHERTY
Address1: 1 HESS PLAZA
Address2: Not reported
City: WOODBRIDGE
State: NJ
Zip Code: 07095
Country Code: 001
Phone: (732) 750-6350
EMail: JFLAHERTY@HESS.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 6/9/2011

Site Id: 13734
Affiliation Type: On-Site Operator
Company Name: HESS 32522
Contact Type: Not reported
Contact Name: HESS
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: 6/9/2011

Tank Info:

Tank Number: 008
Tank ID: 49696
Tank Status: 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 ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT METROPOLITAN (Continued)

1000263777

Modified By: NRLOMBAR
Last Modified: 06/09/2011

Equipment Records:

E04 - Piping Secondary Containment - Double-Walled (Underground)
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)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm

Tank Number: 009
Tank ID: 49697
Tank Status: 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: 06/09/2011

Equipment Records:

E04 - Piping Secondary Containment - Double-Walled (Underground)
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)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm

Tank Number: 010
Tank ID: 49698

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT METROPOLITAN (Continued)

1000263777

Tank Status: 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: 06/09/2011

Equipment Records:

E04 - Piping Secondary Containment - Double-Walled (Underground)
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)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm

Tank Number: 011
Tank ID: 49699
Tank Status: 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: 06/09/2011

Equipment Records:

E04 - Piping Secondary Containment - Double-Walled (Underground)
B04 - Tank External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT METROPOLITAN (Continued)

1000263777

G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
I01 - Overfill - Float Vent Valve
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
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: 06/09/2011

Equipment Records:

E04 - Piping Secondary Containment - Double-Walled (Underground)
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)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
I01 - Overfill - Float Vent Valve
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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT METROPOLITAN (Continued)

1000263777

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:

L00 - Piping Leak Detection - None
B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
D00 - Pipe Type - No Piping
J00 - Dispenser - None
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
I01 - Overfill - Float Vent Valve
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Number: 0P5
Tank ID: 15683
Tank Status: 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:

I00 - Overfill - None
B00 - Tank External Protection - None
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
H00 - Tank Leak Detection - None

Tank Number: 1
Tank ID: 15679
Tank Status: Closed - Removed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT METROPOLITAN (Continued)

1000263777

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:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground

Tank Number: 2
Tank ID: 15680
Tank Status: 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:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT METROPOLITAN (Continued)

1000263777

Tank Number: 3
Tank ID: 15681
Tank Status: 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
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground

Tank Number: 4
Tank ID: 15682
Tank Status: 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:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT METROPOLITAN (Continued)

1000263777

I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground

Tank Number: 6
Tank ID: 15684
Tank Status: 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: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground

Tank Number: 7
Tank ID: 15685
Tank Status: 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:

B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT METROPOLITAN (Continued)

1000263777

H99 - Tank Leak Detection - Other
J00 - Dispenser - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve

NY MANIFEST:

EPA ID: NYD982185720
Country: USA
Mailing Name: MERIT OIL CORPORATION
Mailing Contact: DOM DEBENEDICTIS
Mailing Address: 551 W LANCASTER AVENUE
Mailing Address 2: Not reported
Mailing City: HAVERFORD
Mailing State: PA
Mailing Zip: 19041
Mailing Zip4: Not reported
Mailing Country: USA
Mailing 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
DER Facility ID: 133692
Facility Type: ER
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.

Map ID
Direction
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Elevation

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MERIT METROPOLITAN (Continued)

1000263777

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: 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

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MERIT METROPOLITAN (Continued)

1000263777

(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 - 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

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MERIT METROPOLITAN (Continued)

1000263777

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 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

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MERIT METROPOLITAN (Continued)

1000263777

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
Quantity: -1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 8807632
DER Facility ID: 133692
Facility Type: ER
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT METROPOLITAN (Continued)

1000263777

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
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: 1203
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: 0

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT METROPOLITAN (Continued)

1000263777

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: 0

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

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AJ167
SE
1/4-1/2
0.484 mi.
2557 ft.

METROPOLITAN AVE/MERRIT
METROPOLITAN&BUSHWICK AVE
NEW YORK CITY, NY

NY LTANKS S102671408
N/A

Site 3 of 3 in cluster AJ

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
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. FIRE DEPT ON SCENE, SPILL CLEANED UP WITH SPEEDY DRY, REPORT CONFIRMEDWITH FIRE DEPT DISPATCHER.
Remarks:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METROPOLITAN AVE/MERRIT (Continued)

S102671408

Tank Test:

AI168
West
1/4-1/2
0.485 mi.
2560 ft.

NATIONAL PAPER STOCK; INC.
136 NORTH 10TH STREET
BROOKLYN, NY 11211

NY SWF/LF **S105841743**
N/A

Site 2 of 2 in cluster AI

Relative:
Higher

SWF/LF:

Actual:
28 ft.

Flag: INACTIVE
Region Code: 2
Phone Number: 7180000000
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: LOU MANZIONE; 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: Transfer station - permit
Activity Number: [24T91]
Active: No
East Coordinate: 590200
North Coordinate: 4506000
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: 2-6104-00184
Authorization Date: Not reported
Expiration Date: Not reported

169
WNW
1/4-1/2
0.487 mi.
2573 ft.

WYTHE AVE. (BERRY ST.) STATION
WYTHE AVE., BERRY ST., N 12TH AND 13TH ST
BROOKLYN, NY 11211

EDR MGP **1008407903**
N/A

Relative:
Higher

Manufactured Gas Plants:
No additional information available

Actual:
17 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

170
ENE
1/4-1/2
0.488 mi.
2578 ft.

EXXONMOBIL
546 MORGAN AVENUE
BROOKLYN, NY

NY LTANKS S102143576
NY MANIFEST N/A
NY Spills

Relative:
Higher

LTANKS:

Actual:
37 ft.

Site ID: 181108
Spill Number/Closed Date: 9608849 / 1/9/1997
Spill Date: 10/16/1996
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station
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: SIGONA
Referred To: Not reported
Reported to Dept: 10/16/1996
CID: 267
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: 10/16/1996
Spill Record Last Update: 10/17/2003
Spiller Name: MELISSA WINSOR
Spiller Company: EXXONMOBIL
Spiller Address: 3225 GALLOWS ROAD
Spiller City,St,Zip: FAIRFAX, VA 22037-001
Spiller Contact: MIKE MIEOLA
Spiller Phone: (516) 876-4671
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 152951
DEC Memo: Not reported
Remarks: both tanks 001 and 002 failed the ustest 2000tanks will be uncovered and retested

Material:

Site ID: 181108
Operable Unit ID: 1040059
Operable Unit: 01
Material ID: 344584
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

EXXONMOBIL (Continued)

S102143576

Tank Test:

Site ID: 181108
Spill Tank Test: 1544820
Tank Number: 002
Tank Size: 4000
Test Method: 20
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: USTest 2000/P/LL plus USTest 2000/U
Site ID: 181108
Spill Tank Test: 1544821
Tank Number: 001
Tank Size: 4000
Test Method: 20
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: USTest 2000/P/LL plus USTest 2000/U

NY MANIFEST:

EPA ID: NYD986916195
Country: USA
Mailing Name: EXXON CO USA STA 3-8204
Mailing Contact: CHRISTINE COLUCCIO
Mailing Address: PO BOX 4415
Mailing Address 2: Not reported
Mailing City: HOUSTON
Mailing State: TX
Mailing Zip: 77210
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 800-992-3647

NY MANIFEST:

No Manifest Records Available

SPILLS:

Facility ID: 0005672
DER Facility ID: 152951
Facility Type: ER
Site ID: 182537
DEC Region: 2
Spill Date: 8/10/2000
Spill Number/Closed Date: 0005672 / 9/12/2000
Spill Cause: Equipment Failure
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 8/11/2000

Map ID
Direction
Distance
Elevation

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Site

Database(s)

EDR ID Number
EPA ID Number

EXXONMOBIL (Continued)

S102143576

CID: 205
Water Affected: Not reported
Spill Source: Gasoline Station
Spill Notifier: Citizen
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: True
Remediation Phase: 0
Date Entered In Computer: 8/11/2000
Spill Record Last Update: 10/17/2003
Spiller Name: MIKE LYNDON
Spiller Company: MOBIL S/S
Spiller Address: 546 MORGAN AVENUE
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: MIKE LYNDON
Contact Phone: (718) 389-7767
DEC Memo: Not reported
Remarks: CALLER STATED STRONG ODOR OF GAS AND HIS CLOTHS SMELL FROM IT.

Material:

Site ID: 182537
Operable Unit ID: 826722
Operable Unit: 01
Material ID: 546824
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: 0403674
DER Facility ID: 152951
Facility Type: ER
Site ID: 181107
DEC Region: 2
Spill Date: 7/6/2004
Spill Number/Closed Date: 0403674 / 9/16/2004
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: JMROMMEL
Referred To: Not reported
Reported to Dept: 7/6/2004
CID: 404
Water Affected: Not reported
Spill Source: Gasoline Station

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXONMOBIL (Continued)

S102143576

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: 7/6/2004
Spill Record Last Update: 9/16/2004
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: UNK
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"9/16/04Rommel input notes from KMF:7/7/04 Spoke to Michael Lyndon - NYCDEP has been on site several times to fix drainage problem. Hole is drain for canopy. Water backs up on property and may have sheen on it. No active leaks on pumps. Closed and referenced to 0204454. Rommel
Remarks: PUMP CLOSEST TO MORGAN AV UNDER SAFETY CONE THERE IS A HOLE THAT HAS GASOLINE SPILLING FROM IT. THIS IS AN ACTIVE LEAK. UNK IF ANY OTHER RESOURCES ARE AFFECTED. THE GASOLINE IS RUNNING INTO THE STREET.

Material:
Site ID: 181107
Operable Unit ID: 886984
Operable Unit: 01
Material ID: 491241
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 0204454
DER Facility ID: 152951
Facility Type: ER
Site ID: 92921
DEC Region: 2
Spill Date: 7/29/2002
Spill Number/Closed Date: 0204454 / 5/25/2005
Spill Cause: Equipment Failure
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: KPSARNOW
Referred To: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXONMOBIL (Continued)

S102143576

Reported to Dept: 7/29/2002
CID: 396
Water Affected: Not reported
Spill Source: Gasoline Station
Spill Notifier: Responsible Party
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: 7/29/2002
Spill Record Last Update: 5/1/2006
Spiller Name: MELISSA WINSOR
Spiller Company: EXXONMOBIL
Spiller Address: 3225 GALLOWS ROAD
Spiller City,St,Zip: FAIRFAX, VA 22037-001
Spiller Company: 001
Contact Name: MICHAEL LYDON
Contact Phone: (718) 389-7767
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"7/29/2002-VOUGHT-Spoke with Cushing. Spill was from leak detection line. Spill confined to vault and was pumped out by Mobil contractor. Line was repaired. Reassigned from Vought to Sigona in July 2002. This spill site cleanup has been consolidated under Spill No. 0204454.2/10/04 reassinged from Sigona to Rommel. See 0403674, 9210796, 9608849 and 0005672. Rommel Filed reviewed and spill closed on 5/25/05. The interior lining of the two 4,000 gallon double-walled tanks were fixed and tanks were pressure tested. Product was contained by secondary tank. The secondary tank was pressure tested and also passed. Sarnowicz

Remarks: Leak found in sump leak detection system.

Material:
Site ID: 92921
Operable Unit ID: 857252
Operable Unit: 01
Material ID: 518704
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: 9210796
DER Facility ID: 152951
Facility Type: ER
Site ID: 92922
DEC Region: 2
Spill Date: 12/17/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXONMOBIL (Continued)

S102143576

Spill Number/Closed Date: 9210796 / 12/17/1992
Spill Cause: Equipment Failure
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 2401
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 12/17/1992
CID: Not reported
Water Affected: Not reported
Spill Source: Gasoline Station
Spill Notifier: Other
Cleanup Ceased: 12/17/1992
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: True
Remediation Phase: 0
Date Entered In Computer: 12/22/1992
Spill Record Last Update: 10/17/2003
Spiller Name: MELISSA WINSOR
Spiller Company: EXXONMOBIL
Spiller Address: 3225 GALLOWS ROAD
Spiller City,St,Zip: FAIRFAX, VA 22037-001
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Not reported
Remarks: DISPENSER FILTER LEAKING SPILL ON SOIL UNDER DISPENSER IS ANDREW BOWMAN CO INC TO REAPIR AND CLEANUP

Material:

Site ID: 92922
Operable Unit ID: 975012
Operable Unit: 01
Material ID: 404239
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Site

Database(s)

171
SW
1/4-1/2
0.498 mi.
2631 ft.

**BQE/ANSBACHER COLOR & DYE FACTORY
MEEKER AVENUE
BROOKLYN, NY**

**NY SHWS S106780917
N/A**

**Relative:
Lower**

SHWS:

Program: HW
Site Code: 55913

**Actual:
15 ft.**

Classification: DOES NOT PRESENT A SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR THE ENVIRONMENT - ACTION MAY BE DEFERRED.

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: 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: 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: 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: 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

172
East
1/2-1
0.544 mi.
2872 ft.

**FORMER KLINK COSMO CLEANERS
364 RICHARDSON STREET
BROOKLYN, NY 11222**

**NY SHWS S109416412
N/A**

**Relative:
Higher**

SHWS:

**Actual:
38 ft.**

Program: HW
Site Code: 405851
Classification: SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION REQUIRED.

Region: 2
Acres: 1.080
HW Code: 224130
Record Add: 10/28/2008
Record Upd: 03/20/2013
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 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. Env Problem: Nature and Extent of Contamination: - Groundwater The primary contaminant of concern at the site is tetrachloroethene (PCE). PCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER KLINK COSMO CLEANERS (Continued)

S109416412

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/m³. TCE has been found at concentrations up to 230,000 ug/m³. Significant Threat: The site poses a significant environmental threat due to ongoing releases 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 12:21:00 PM
Record Upd: 3/20/2013 11:14:00 AM
Updated By: DKHARRIN
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: 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
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: 224129

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 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
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: 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

173
NNE
1/2-1
0.576 mi.
3041 ft.

FORMER SPIC AND SPAN CLEANERS AND DYERS, INC.
315 KINGSLAND AVENUE
BROOKLYN, NY 11222

NY SHWS S109416408
N/A

Relative:
Higher

SHWS:

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: 03/20/2013
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, woodworking shop, 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

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

Env Problem: 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. 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 39,000 ppb, and in deep groundwater at concentrations up to 76,000 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 3,900 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).- Soil PCE 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 Air Concentrations of PCE in soil vapor have been found up to 8,200,000 ug/m³, and in indoor air up to 170 ug/m³. Concentrations of TCE in soil vapor have been found up to 32,000 ug/m³, and in indoor air up to 12 ug/m³. 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: 3/20/2013 10:59:00 AM
Updated By: DKHARRIN
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

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

Sub Type: 01
Owner Name: Not reported
Owner Company: DELTA PROPERTY ASSOCIATES
Owner Address: 260 NORMAN AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: NEW YORK, NY 11201
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: DOUBLE STAR REALESTATE, INC.
Owner Company: DOUBLE STAR REALESTATE, INC.
Owner Address: 307 KINGSLAND AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: NEW YORK, 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: NEW YORK, NY 11222
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
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

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 Updated: 1/30/2009 12:35:00 PM
 Updated By: JAAVERSA

174
 ENE
 1/2-1
 0.577 mi.
 3049 ft.

95 LOMBARDY ST./ACME ARCH. PRODS., INC.
95 LOMBARDY ST
BROOKLYN, NY 11222

NY SHWS
NY UST
NY HIST UST

U003652054
N/A

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: 03/20/2013
 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 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

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

Env Problem: 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. Nature and Extent of Contamination:- GroundwaterThe 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 1,100 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 AirConcentrations of TCE in soil vapor have been found up to 4,100 ug/m³, and in indoor air up to 13 ug/m³. 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: 3/20/2013 11:15:00 AM
Updated By: DKHARRIN
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: 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: 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

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 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

UST:

Id/Status: 2-603942 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 589801.46251999994
UTM Y: 4508492.4255999997

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

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

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
EMail: 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
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

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued)

U003652054

Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 1
Tank ID: 56116
Tank Status: 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
I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None
G08 - Tank Secondary Containment - Flexible Internal Lining (Bladder)
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number: 2
Tank ID: 56117
Tank Status: 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:

F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None

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

C02 - Pipe Location - Underground/On-ground
G08 - Tank Secondary Containment - Flexible Internal Lining (Bladder)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

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
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

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

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
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

175
 WNW
 1/2-1
 0.618 mi.
 3263 ft.

K - WILLIAMSBURG WORKS
KENT AVE & 12TH STREET
BROOKLYN, NY 11211

NY SHWS S109209078
N/A

Relative:
Lower

SHWS:

Program: HW
 Site Code: 372653
 Classification: ACTIVE
 Region: 2
 Acres: 4.700
 HW Code: 224055
 Record Add: 10/27/2006
 Record Upd: 08/09/2011
 Updated By: GWCROSS

Actual:
11 ft.

Site Description: Transition from V00704 and C224055. The Williamsburg Works Manufactured Gas Plant (MGP) site is composed of three parcels of land located on the east bank of the East River in Brooklyn New York in Kings County. The site is located between North 11th and North 12th Streets on the west side of Kent Avenue. A manufactured gas plant operated on the site from at least 1887 to 1916 according to Sanborn Fire Insurance(Sanborn) maps. Current land use includes a document storage warehouse, an inactive petroleum terminal, and one vacant lot which until recently housed a Sanitation Dep't garage. 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. One parcel (50 Kent Avenue) has already been acquired. An IRM is slated for this parcel in late 2012.

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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K - WILLIAMSBURG WORKS (Continued)

S109209078

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

176
ENE
1/2-1
0.662 mi.
3493 ft.

ACME STEEL PARTITION CO INC
513 PORTER AVE
BROOKLYN, NY 11222

RCRA NonGen / NLR 1000198707
NY SHWS NYD001281823
NY MANIFEST

Relative:
Higher

RCRA NonGen / NLR:

Actual:
50 ft.

Date form received by agency: 01/01/2007
Facility name: ACME STEEL PARTITION CO INC
Facility address: 513 PORTER AVE
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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACME STEEL PARTITION CO INC (Continued)

1000198707

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
Facility name: ACME STEEL PARTITION CO INC
Classification: Not a generator, verified

Date form received by agency: 08/15/1980
Facility 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
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: 03/20/2013
Updated By: JAMORAS

MAP FINDINGS

ACME STEEL PARTITION CO INC (Continued)

1000198707

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 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. - Soil PCE 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACME STEEL PARTITION CO INC (Continued)

1000198707

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: 3/20/2013 11:15:00 AM
Updated By: DKHARRIN
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: 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: 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
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
HW Code: 224132
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224132
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 224129
Cross Ref Type Code: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACME STEEL PARTITION CO INC (Continued)

1000198707

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
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

NY MANIFEST:

EPA ID: NYD001281823
Country: USA
Mailing Name: ACME STEEL DOOR
Mailing Contact: ACME STEEL DOOR
Mailing Address: 72 ANTHONY STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11222
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-384-7800

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)
Number of Containers: 004
Container Type: DM - Metal drums, barrels

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACME STEEL PARTITION CO INC (Continued)

1000198707

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
TSDF 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 TSDF to get a copy to the DEC
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: NYB2088045
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACME STEEL PARTITION CO INC (Continued)

1000198707

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
TSDF 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: 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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACME STEEL PARTITION CO INC (Continued)

1000198707

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: 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
Part A Recv Date: 920729
Part B Recv Date: 920717
Generator EPA ID: NYD001281823
Trans1 EPA ID: NYD057722258
Trans2 EPA ID: Not reported
TSDF 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: 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
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ACME STEEL PARTITION CO INC (Continued)

1000198707

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

177
 NNE
 1/2-1
 0.673 mi.
 3551 ft.

**MOBIL OIL BROOKLYN TERMINAL
 300 NORTH HENRY STREET
 BROOKLYN, NY**

**NY DEL SHWS S105972445
 N/A**

**Relative:
 Lower**

DEL SHWS:
 Year: Not reported
 Site Code Id: 224013
 Site Classification: D1
 Region: 2
 Epa Id Number: Not reported
 Site Type - Dump: No
 Site Type - Structure: No
 Site Type - Lagoon: No
 Site Type - Landfill: No
 Site Type - Treat Pond: No
 Site Size (Acres): 15 Acres
 Site Size Comment: Not reported
 Period Assoc/HW Start: Not reported
 Period Assoc/HW End: Not reported
 Lat/Long: 0 0' 0" / 0 0' 0"
 Lat/Long Decimal: 0.00000 / 0.00000
 Lat/Long (dms): 0 0 0 / 0 0 0
 Hazardous Waste Code: Not reported
 Hazard Waste Disposed: Not reported
 Quantity: Not reported
 Air Data Available: No
 SW Std Contravention: No
 GW Std Contravention: No
 Soil Type: Not reported
 Sediment Data Available: No
 GW Std Contravention: No
 DW Std Contravention: No
 SW Std Contravention: No

**Actual:
 12 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL OIL BROOKLYN TERMINAL (Continued)

S105972445

Air Stand Contraventions:	No
Legal Action Type:	Not reported
State Legal Action:	No
Federal Legal Action:	No
Enforce Status Code:	Not reported
Remedial Act Proposed:	No
Rem Act Under Design:	No
Rem Act In Progress:	No
Rem Act Completed:	No
Remedial Action Type:	Complete
Soil Type:	Not reported
Depth To Groundwater:	Not reported
Owner Name:	Not reported
Owner Address:	300 North Henry Street
Owner City,St,Zip:	Brooklyn
Owner Phone:	Not reported
Owner Contact Name:	Not reported
Owner During Disposal:	Mobil Oil
Owner During Use:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City,St,Zip:	Not reported
Operator Phone:	Not reported
Operator Contact Name:	Not reported
Oper During Disposal:	Not reported
Site Type:	Dump
HW Disposal Period:	From: 1900 To: 1985
Analytical Data Available:	Not reported
Applicable Std Exceeded:	Not reported
Geotech Info:	Not reported
Depth To Groundwater:	Not reported
Status:	Not reported
Nature Of Action:	Not reported
Env Prob Assessment:	Not reported
Site Description:	Large storage area. Facility was built on an old refinery. Possibility of groundwater contamination due to poor operation. Newton Creek is adjacent to the site.
Confirmed HW:	Gasoline, Kerosene, Fuel Oil, Others: unknown
Environment Assesment:	Site has been remediated.
Health Assesment:	Not reported
Disposal Start Date:	Not reported
Disposal Term Date:	Not reported
Air Violation:	Not reported
Groundwater Violation:	Not reported
Drink Water Violation:	Not reported
Surface Water Violation:	Not reported
Legal New York State:	Not reported
Legal Federal:	Not reported
Legal State:	Not reported
Remedial Action Active:	Not reported
Remedial Action Done:	Not reported
NPL Status:	Not reported
Count Operator:	Not reported
Count Owner:	Not reported
NYTM X:	0
NYTM Y:	0
Co Name:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MOBIL OIL BROOKLYN TERMINAL (Continued)

S105972445

Co Addr: Not reported
 Operator Addr: Not reported
 Operator Addr 2: Not reported
 Operator Addr 3: Not reported
 Operator Addr 4: Not reported
 HWDP From: Not reported
 From To: Not reported
 Assessment of Health: Not reported
 Description: Not reported
 Env Assessment: Not reported
 HW Disposed/Quantity: Not reported
 Assess/Env Prog: Not reported
 Assess/Health Prob: Not reported
 Site Description: Not reported

178
 ESE
 1/2-1
 0.753 mi.
 3975 ft.

**EQUITY WORKS
 MASPETH AND VANDERVORT AVES.
 BROOKLYN, NY 11211**

**EDR MGP 1008407885
 N/A**

Relative: Manufactured Gas Plants:
Lower No additional information available

Actual:
 15 ft.

AK179
 East
 1/2-1
 0.830 mi.
 4380 ft.

**GREENPOINT
 287 MASPETH AVENUE
 BROOKLYN, NY 11211**

**EDR MGP 1008407892
 N/A**

Site 1 of 2 in cluster AK

Relative: Manufactured Gas Plants:
Higher No additional information available

Actual:
 18 ft.

AK180
 East
 1/2-1
 0.830 mi.
 4380 ft.

**SUBSTATION
 287 MASPETH AVENUE
 BROOKLYN, NY**

**NY SHWS S104787368
 NY SWF/LF N/A
 NY LTANKS
 NY TANKS
 NY MANIFEST
 NY Spills
 NY VCP
 NY MOSF**

Site 2 of 2 in cluster AK

Relative:
Higher

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

Record Upd: 08/22/2012

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 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: 11/6/2006 2:08:00 PM
Updated By: DKMACNEA
Own Op: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

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
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: 7189635438
Owner Name: Keyspan Energy Delivery
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]

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

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
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 Extension: 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 states 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

Mailing Name: KEYSpan - LNG PLANT GREENPOINT
Mailing Contact: AMY DROGALIS
Mailing Address: 175 E OLD COUNTRY RD
Mailing Address 2: Not reported
Mailing City: HICKSVILLE
Mailing State: NY
Mailing Zip: 11801
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 917-560-0908

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: NJD080631369
Generator Ship Date: 2012-01-04
Trans1 Recv Date: 2012-01-04
Trans2 Recv Date: 2012-01-04
TSD Site Recv Date: 2012-01-09
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: 000530718VES
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: NJD080631369
Generator Ship Date: 2012-01-04
Trans1 Recv Date: 2012-01-04
Trans2 Recv Date: 2012-01-04
TSD Site Recv Date: 2012-01-09
Part A Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

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: 100.0
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: 000530718VES
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: NJD080631369
Generator Ship Date: 2012-01-04
Trans1 Recv Date: 2012-01-04
Trans2 Recv Date: 2012-01-04
TSD Site Recv Date: 2012-01-09
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: 800.0
Units: P - Pounds
Number of Containers: 8.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 000530718VES
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

SUBSTATION (Continued)

S104787368

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: NJD080631369
Generator Ship Date: 2012-01-04
Trans1 Recv Date: 2012-01-04
Trans2 Recv Date: 2012-01-04
TSD Site Recv Date: 2012-01-09
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: 1000.0
Units: P - Pounds
Number of Containers: 4.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 000530718VES
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: NJD080631369
Generator Ship Date: 2012-01-04
Trans1 Recv Date: 2012-01-04
Trans2 Recv Date: 2012-01-04
TSD Site Recv Date: 2012-01-09
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

Quantity: 495.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 9.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 000530718VES
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: 2012-01-04
Trans1 Recv Date: 2012-01-04
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-01-04
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: 4400.0
Units: P - Pounds
Number of Containers: 11.0
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 000530719VES
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

SUBSTATION (Continued)

S104787368

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 2012-02-28
Trans1 Recv Date: 2012-02-28
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-03-01
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: 1750.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 7.0
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 000530976VES
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: 2012-03-30
Trans1 Recv Date: 2012-03-30
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-04-03
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: 1510.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 17.0
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

SUBSTATION (Continued)

S104787368

Year: 2012
Manifest Tracking Num: 000531196VES
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: 2012-03-30
Trans1 Recv Date: 2012-03-30
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-04-03
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: 10.0
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: 000531196VES
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: 2012-03-30
Trans1 Recv Date: 2012-03-30

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-04-03
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: 10.0
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: 000531196VES
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: 2012-03-30
Trans1 Recv Date: 2012-03-30
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-04-03
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: 10.0
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: 000531196VES
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

SUBSTATION (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: 2012-05-09
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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

Trans2 EPA ID: Not reported
TSDF 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
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 40.0
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

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: 110.0
Units: P - Pounds
Number of Containers: 1.0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

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
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:	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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

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

[Click this hyperlink](#) while viewing on your computer to access
68 additional NY_MANIFEST: record(s) in the EDR Site Report.

SPILLS:

Facility ID: 1006581
DER Facility ID: 394939
Facility Type: ER
Site ID: 439941
DEC Region: 2
Spill Date: 9/17/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

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
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
DER Facility ID: 102793
Facility Type: ER
Site ID: 181617
DEC Region: 2
Spill Date: 9/13/2001
Spill Number/Closed Date: 0106270 / 2/6/2007
Spill Cause: Equipment Failure

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

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

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

DER Facility ID: 102793

Facility Type: ER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

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
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

Facility ID: 9606233
DER Facility ID: 102793
Facility Type: ER
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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUBSTATION (Continued)

S104787368

DER Facility ID: 102793
Facility Type: ER
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
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.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SUBSTATION (Continued)

S104787368

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 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 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.

MOSF:

Facility ID: 2-2340
 Program Type: MOSF
 Tank Status: No Longer MOSF
 Expiration Date: N/A
 Dec Region: 2
 UTMX: 590195.67868000
 UTM Y: 4507995.2537200

181
 NNE
 1/2-1
 0.920 mi.
 4856 ft.

**FORMER MANHATTAN ADHESIVES PLANT
 425-459 GREENPOINT AVENUE
 BROOKLYN, NY**

**NY DEL SHWS S105972443
 N/A**

**Relative:
 Lower**

DEL SHWS:
 Year: Not reported
 Site Code Id: 224009
 Site Classification: D1
 Region: 2
 Epa Id Number: NYD980780811
 Site Type - Dump: No
 Site Type - Structure: No
 Site Type - Lagoon: No
 Site Type - Landfill: No
 Site Type - Treat Pond: No
 Site Size (Acres): Acres
 Site Size Comment: Not reported
 Period Assoc/HW Start: Not reported

**Actual:
 7 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER MANHATTAN ADHESIVES PLANT (Continued)

S105972443

Period Assoc/HW End: Not reported
Lat/Long: 40 43' 56" / 73 56' 42"
Lat/Long Decimal: 0.00000 / 0.00000
Lat/Long (dms): 0 0 0 / 0 0 0
Hazardous Waste Code: Not reported
Hazard Waste Disposed: Not reported
Quantity: Not reported
Air Data Available: No
SW Std Contravention: No
GW Std Contravention: No
Soil Type: Not reported
Sediment Data Available: No
GW Std Contravention: No
DW Std Contravention: No
SW Std Contravention: No
Air Stand Contraventions: No
Legal Action Type: Not reported
State Legal Action: No
Federal Legal Action: No
Enforce Status Code: Not reported
Remedial Act Proposed: No
Rem Act Under Design: No
Rem Act In Progress: No
Rem Act Completed: No
Remedial Action Type: Not reported
Soil Type: Not reported
Depth To Groundwater: Not reported
Owner Name: Frank Castiglione
Owner Address: 32-02 College Point Boulevard
Owner City,St,Zip: Flushing, NY 11354
Owner Phone: Not reported
Owner Contact Name: Not reported
Owner During Disposal: Not reported
Owner During Use: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City,St,Zip: Not reported
Operator Phone: Not reported
Operator Contact Name: Not reported
Oper During Disposal: Not reported
Site Type: Structure
HW Disposal Period: From: To:
Analytical Data Available: Not reported
Applicable Std Exceeded: Not reported
Geotech Info: Not reported
Depth To Groundwater: Not reported
Status: Not reported
Nature Of Action: Not reported
Env Prob Assessment: Not reported
Site Description: Manhattan Adhesives is currently an empty factory building that is located at the foot of the Greenpoint Ave., Bridge in Brooklyn. Besides the Manhattan Adhesives factory, about 10 feet from the northeast wall is a manhole (not a sewer or drain) into which liquid waste was allegedly discharged. This waste came from a condemned oil storage site located at the intersection of Rt. 280, and the NJ Turnpike in NJ. The manhole is suspected of being the opening to an underground tank; however, the quantity of the waste allegedly dumped exceeds the capacity of most tanks. This information was obtained from the State Senate

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FORMER MANHATTAN ADHESIVES PLANT (Continued)

S105972443

Committee on Crime and the Brooklyn District Attorney's office. Phase I State Superfund has been completed. A partial phase II investigation was completed during 1985 and recommended no further action. The Responsible Party has agreed to undertake an investigation in 1986. An investigation has not found hazardous waste on-site.

Confirmed HW:	Waste oil alleged to contain PCB's: Over 400,000 gal.
Environment Assesment:	Not reported
Health Assesment:	Not reported
Disposal Start Date:	Not reported
Disposal Term Date:	Not reported
Air Violation:	Not reported
Groundwater Violation:	Not reported
Drink Water Violation:	Not reported
Surface Water Violation:	Not reported
Legal New York State:	Not reported
Legal Federal:	Not reported
Legal State:	Not reported
Remedial Action Active:	Not reported
Remedial Action Done:	Not reported
NPL Status:	Not reported
Count Operator:	Not reported
Count Owner:	Not reported
NYTM X:	0
NYTM Y:	0
Co Name:	Not reported
Co Addr:	Not reported
Operator Addr:	Not reported
Operator Addr 2:	Not reported
Operator Addr 3:	Not reported
Operator Addr 4:	Not reported
HWDP From:	Not reported
From To:	Not reported
Assessment of Health:	Not reported
Description:	Not reported
Env Assessment:	Not reported
HW Disposed/Quantity:	Not reported
Assess/Env Prog:	Not reported
Assess/Health Prob:	Not reported
Site Description:	Not reported

182
East
1/2-1
0.932 mi.
4920 ft.

BCF OIL REFINING, INC.
360 MASPETH AVENUE
BROOKLYN, NY 11211

CERCLIS 1000272490
RCRA NonGen / NLR NYD068273044
FINDS
NY DEL SHWS
PRP
US AIRS

Relative:
Lower

Actual:	13 ft.	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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BCF OIL REFINING, INC. (Continued)

1000272490

Site Orphan Flag: Not reported
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: R
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: 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: 2272030.00000
Contact Name: CRIS D'ONOFRIO
Contact Tel: Not reported
Contact Title: On-Scene Coordinator (OSC)
Contact Email: Not reported

Contact ID: 2272030.00000
Contact Name: CRIS D'ONOFRIO
Contact Tel: Not reported
Contact Title: On-Scene Coordinator (OSC)
Contact Email: Not reported

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.:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BCF OIL REFINING, INC. (Continued)

1000272490

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BCF OIL REFINING, INC. (Continued)

1000272490

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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BCF OIL REFINING, INC. (Continued)

1000272490

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BCF OIL REFINING, INC. (Continued)

1000272490

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BCF OIL REFINING, INC. (Continued)

1000272490

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

Facility name: US ENVIRONMENTAL PROTECTION AGENCY
Classification: Not a generator, verified

Date form received by agency: 02/27/2002

Facility name: US ENVIRONMENTAL PROTECTION AGENCY
Classification: Large Quantity Generator

Date form received by agency: 11/14/1984

Facility name: US ENVIRONMENTAL PROTECTION AGENCY
Site name: TANKS-A-LOT INC
Classification: Unverified

Violation Status: No violations found

FINDS:

Registry ID: 110001595854

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BCF OIL REFINING, INC. (Continued)

1000272490

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.

HAZARDOUS WASTE BIENNIAL REPORTER

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

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.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

DEL SHWS:

Year:	Not reported
Site Code Id:	Not reported
Site Classification:	Not reported
Region:	2
Epa Id Number:	Not reported
Site Type - Dump:	No
Site Type - Structure:	No
Site Type - Lagoon:	No
Site Type - Landfill:	No
Site Type - Treat Pond:	No
Site Size (Acres):	Not reported
Site Size Comment:	Not reported
Period Assoc/HW Start:	Not reported
Period Assoc/HW End:	Not reported
Lat/Long:	Not reported
Lat/Long Decimal:	Not reported
Lat/Long (dms):	Not reported
Hazardous Waste Code:	224034
Hazard Waste Disposed:	Not reported
Quantity:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BCF OIL REFINING, INC. (Continued)

1000272490

Air Data Available: No
SW Std Contravention: No
GW Std Contravention: No
Soil Type: Not reported
Sediment Data Available: No
GW Std Contravention: No
DW Std Contravention: No
SW Std Contravention: No
Air Stand Contraventions: No
Legal Action Type: Not reported
State Legal Action: No
Federal Legal Action: No
Enforce Status Code: Not reported
Remedial Act Proposed: No
Rem Act Under Design: No
Rem Act In Progress: No
Rem Act Completed: No
Remedial Action Type: Not reported
Soil Type: Not reported
Depth To Groundwater: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Owner Phone: Not reported
Owner Contact Name: Not reported
Owner During Disposal: Not reported
Owner During Use: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City,St,Zip: Not reported
Operator Phone: Not reported
Operator Contact Name: Not reported
Oper During Disposal: Not reported
Site Type: Not reported
HW Disposal Period: Not reported
Analytical Data Available: Not reported
Applicable Std Exceeded: Not reported
Geotech Info: Not reported
Depth To Groundwater: Not reported
Status: Not reported
Nature Of Action: Not reported
Env Prob Assessment: Not reported
Site Description: Not reported
Confirmed HW: Not reported
Environment Assesment: Not reported
Health Assesment: Not reported
Disposal Start Date: Not reported
Disposal Term Date: Not reported
Air Violation: Not reported
Groundwater Violation: Not reported
Drink Water Violation: Not reported
Surface Water Violation: Not reported
Legal New York State: Not reported
Legal Federal: Not reported
Legal State: Not reported
Remedial Action Active: Not reported
Remedial Action Done: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BCF OIL REFINING, INC. (Continued)

1000272490

NPL Status: Not reported
Count Operator: Not reported
Count Owner: Not reported
NYTM X: Not reported
NYTM Y: Not reported
Co Name: Not reported
Co Addr: Not reported
Operator Addr: Not reported
Operator Addr 2: Not reported
Operator Addr 3: Not reported
Operator Addr 4: Not reported
HWDP From: Not reported
From To: Not reported

Assessment of Health: Persons who dig below the ground surface may come into contact with soil and groundwater contaminated with volatile organic compounds. People are not exposed to contaminants in drinking water since the area is served by a public water supply. Also, they are not coming into contact with the groundwater unless they dig greater than 10 feet below the ground surface. Organic compounds in the soil and 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-related contaminants in indoor air due to soil vapor intrusion for any future on-site construction.

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 to determine the nature and extent of contamination has been completed. The site is currently being managed as a single operable unit. In addition, there is an open NYSDEC spill at this location; spill #9406807

Env Assessment: Not reported
HW Disposed/Quantity: Not reported
Assess/Env Prog: Not reported
Assess/Health Prob: Not reported
Site Description: Not reported

PRP:
PRP name: BCF OIL REFINING INC
CARY FIELDS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BCF OIL REFINING, INC. (Continued)

1000272490

AIRS (AFS):

Airs Minor Details:

EPA plant ID: 110001595854
Plant name: B C F OIL - 360 MASPETH AVENUE
Plant address: 360 MASPETH AVENUE
BROOKLYN, NY 11211
County: KINGS
Region code: 02
Dunn & Bradst #: Not reported
Air quality cntrl region: 043
Sic code: 5093
Sic code desc: SCRAP AND WASTE MATERIALS
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: 1001
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BCF OIL REFINING, INC. (Continued)

1000272490

Hist compliance date: 1201
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: 0

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: ALL OTHER NON-ATTAINMENT FOR PRIMARY AND SECONDARY STANDARDS
Repeat violator date: Not reported
Turnover compliance: Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	1001215447	MTA NYCT - METROPOLITAN AVE STATIO	METROPOLITAN & NASSAU AVE	11222	FINDS,RCRA-NLR,MANIFEST
BROOKLYN	1001223896	GREAT LAKES DREDGE & DOCK	LI & BROOKLYN PORT-PIRR 8		FINDS,MANIFEST,RCRA-NLR
BROOKLYN	1001224430	MTA NYCT - MYRTLE & WILLOUGHBY AVE	MYRTLE & UNION AVE		FINDS,RCRA-NLR
BROOKLYN	1004761888	NYSDOT CONTRACT D258425	BQE CONNECTOR RAMP TO	11211	FINDS,RCRA-NLR
BROOKLYN	1006192099	EVERGREEN & FLUSHING AVE	1ST STREET		FINDS
BROOKLYN	1007056878	NYCT - MARCY AVE STATION - JMZ LIN	COR OF MARCY AVE & BROADWAY		FINDS
BROOKLYN	1007056949	NYCDOT LIBERTY AVE BRIDGE #2243850	LIBERTY AVE BRG OVER LIRR		FINDS
BROOKLYN	1007056950	NYCDOT GLENMORE AVE BRIDGE #224386	GLENMORE AVE BRG OVER LIRR		FINDS
BROOKLYN	1007056951	NYCDOT PITKIN AVE BRIDGE #2243870	PITKIN AVE BRG OVER LIRR		FINDS
BROOKLYN	1007056953	NYCDOT SUTTER AVE BRIDGE #2243890	SUTTER AVE BRG OVER LIRR		FINDS
BROOKLYN	1007204911	NYCDOT C/O KOCH-SKANSKA	MANHATTAN BR		RCRA-CESQG,MANIFEST
BROOKLYN	1007205546	BELL ATLANTIC-NY	PIER 39 ST/BROOKLYN PORTS	00000	RCRA-NLR
BROOKLYN	1007205588	BELL ATLANTIC-NY	SE CORNER OF BROOKLYN	00000	RCRA-NLR
BROOKLYN	1007208397	CONSOLIDATED EDISON	MH38210-KINGS HWY & W 7TH ST		RCRA-NLR,MANIFEST
BRONX	1010488291	NYSDOT BIN 1066220	GRANT HIGHWAY OVER CROSS BRONX	11101	FINDS,MANIFEST
BROOKLYN	S106737045	BETW/AVE X &	KINGS HIGHWAY AVE U		SPILLS
BROOKLYN	S107407580	KINGS HIGHWAY MOBIL	KINGS HIGHWAY		SPILLS
BROOKLYN	S109064521	BELL ATLANTIC-NY	E 94 ST/BET CLARKSON AVE		MANIFEST
	S109207895	205842; KINGS HWY	KINGS HWY		SPILLS
BROOKLYN	S111011715	ROADWAY	KINGS HIGHWAY AND OCEAN PARKWA		SPILLS

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: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/22/2013
	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: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/22/2013
	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: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/22/2013
	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: 02/04/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/29/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 09/09/2013
	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: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 07/08/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/21/2013
	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: 02/05/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/29/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 05/09/2013
	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: 02/12/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 6

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/01/2013
Next Scheduled EDR Contact: 10/14/2013
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: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 07/01/2013
Next Scheduled EDR Contact: 10/14/2013
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: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 07/01/2013
Next Scheduled EDR Contact: 10/14/2013
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: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 07/01/2013
Next Scheduled EDR Contact: 10/14/2013
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: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 07/01/2013
Next Scheduled EDR Contact: 10/14/2013
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: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 06/10/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/23/2013
	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: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 06/10/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/23/2013
	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: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 05/20/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/02/2013
	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: 12/31/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/17/2013	Telephone: 202-267-2180
Date Made Active in Reports: 02/15/2013	Last EDR Contact: 07/01/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/14/2013
	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: 05/21/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/23/2013	Telephone: 518-402-9622
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 05/23/2013
Number of Days to Update: 48	Next Scheduled EDR Contact: 09/02/2013
	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: 01/01/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/20/2013	Telephone: 518-402-9814
Date Made Active in Reports: 03/15/2013	Last EDR Contact: 05/24/2013
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/02/2013
	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: 04/22/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 04/23/2013	Telephone: 518-457-2051
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 07/03/2013
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/21/2013
	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: 05/21/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/23/2013	Telephone: 518-402-9549
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 05/23/2013
Number of Days to Update: 48	Next Scheduled EDR Contact: 09/02/2013
	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 R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

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: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/24/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 07/24/2013
Number of Days to Update: 59	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

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: 09/28/2012	Source: EPA Region 1
Date Data Arrived at EDR: 11/01/2012	Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 05/01/2013
Number of Days to Update: 162	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/06/2013	Source: EPA Region 4
Date Data Arrived at EDR: 02/08/2013	Telephone: 404-562-8677
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Semi-Annually

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: 07/24/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/02/2013
Date Data Arrived at EDR: 04/03/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 07/15/2013
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: 04/02/2013
Date Data Arrived at EDR: 04/03/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 07/15/2013
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
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: 10/24/2005
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
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: Varies

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 04/02/2013
Date Data Arrived at EDR: 04/03/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 07/15/2013
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
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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/02/2013
Date Data Arrived at EDR: 04/03/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 07/15/2013
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: 04/02/2013
Date Data Arrived at EDR: 04/03/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

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: 02/06/2013
Date Data Arrived at EDR: 02/08/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Semi-Annually

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: 09/28/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 156

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

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: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

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: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/11/2013
	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: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6137
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/24/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Quarterly

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: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/11/2013
	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: 02/21/2013	Source: EPA Region 9
Date Data Arrived at EDR: 02/26/2013	Telephone: 415-972-3368
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 11/11/2013
	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: 07/19/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 05/21/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/23/2013	Telephone: 518-402-9553
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 05/23/2013
Number of Days to Update: 48	Next Scheduled EDR Contact: 09/02/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 05/21/2013

Date Data Arrived at EDR: 05/23/2013

Date Made Active in Reports: 07/10/2013

Number of Days to Update: 48

Source: Department of Environmental Conservation

Telephone: 518-402-9553

Last EDR Contact: 05/23/2013

Next Scheduled EDR Contact: 09/02/2013

Data Release Frequency: Quarterly

RES DECL: Restrictive Declarations Listing

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

Date Data Arrived at EDR: 12/23/2010

Date Made Active in Reports: 02/11/2011

Number of Days to Update: 50

Source: NYC Department of City Planning

Telephone: 212-720-3401

Last EDR Contact: 06/28/2013

Next Scheduled EDR Contact: 10/07/2013

Data Release Frequency: No Update Planned

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

Date Data Arrived at EDR: 04/22/2008

Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7

Telephone: 913-551-7365

Last EDR Contact: 04/20/2009

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: 09/28/2012

Date Data Arrived at EDR: 10/02/2012

Date Made Active in Reports: 10/16/2012

Number of Days to Update: 14

Source: EPA, Region 1

Telephone: 617-918-1102

Last EDR Contact: 07/02/2013

Next Scheduled EDR Contact: 10/14/2013

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: 05/21/2013

Date Data Arrived at EDR: 05/23/2013

Date Made Active in Reports: 07/10/2013

Number of Days to Update: 48

Source: Department of Environmental Conservation

Telephone: 518-402-9711

Last EDR Contact: 05/23/2013

Next Scheduled EDR Contact: 09/02/2013

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: 05/21/2013
Date Data Arrived at EDR: 05/23/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/23/2013
Next Scheduled EDR Contact: 09/02/2013
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: 05/21/2013
Date Data Arrived at EDR: 05/23/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 05/23/2013
Next Scheduled EDR Contact: 09/02/2013
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: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/07/2013
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: 07/26/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 04/23/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Semi-Annually

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

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: 07/26/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: 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: 05/03/2013
Next Scheduled EDR Contact: 08/19/2013
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: 03/04/2013
Date Data Arrived at EDR: 03/12/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 59

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/03/2013
Next Scheduled EDR Contact: 09/16/2013
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: 05/21/2013
Date Data Arrived at EDR: 05/23/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/23/2013
Next Scheduled EDR Contact: 09/02/2013
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: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
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: 02/06/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/25/2013	Telephone: 202-564-6023
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 05/21/2013	Source: Office of the State Comptroller
Date Data Arrived at EDR: 05/23/2013	Telephone: 518-474-9034
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 05/13/2013
Number of Days to Update: 48	Next Scheduled EDR Contact: 08/26/2013
	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: 12/31/2012	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/03/2013	Telephone: 202-366-4555
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 07/01/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/14/2013
	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: 05/21/2013
Date Data Arrived at EDR: 05/23/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/23/2013
Next Scheduled EDR Contact: 09/02/2013
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 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

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

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: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 07/01/2013
Next Scheduled EDR Contact: 10/14/2013
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: 05/07/2013
Next Scheduled EDR Contact: 08/19/2013
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: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
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: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/10/2013
Next Scheduled EDR Contact: 09/23/2013
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: 12/31/2011
Date Data Arrived at EDR: 01/15/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
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: 12/18/2012
Date Data Arrived at EDR: 03/13/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 30

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/11/2013
Next Scheduled EDR Contact: 09/23/2013
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: 05/28/2013
Next Scheduled EDR Contact: 09/09/2013
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: 02/05/2013
Date Data Arrived at EDR: 04/18/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/04/2013
Next Scheduled EDR Contact: 09/16/2013
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: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/29/2013
Next Scheduled EDR Contact: 09/09/2013
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: 06/25/2013
Next Scheduled EDR Contact: 10/07/2013
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: 05/28/2013
Next Scheduled EDR Contact: 09/09/2013
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: 05/28/2013
Next Scheduled EDR Contact: 09/09/2013
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: 07/24/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/11/2013
	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: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/01/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: 10/28/2013
	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: 11/01/2012	Source: EPA
Date Data Arrived at EDR: 01/16/2013	Telephone: 202-566-0500
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 07/17/2013
Number of Days to Update: 114	Next Scheduled EDR Contact: 10/28/2013
	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: 03/14/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/20/2013	Telephone: 301-415-7169
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 07/10/2013
Number of Days to Update: 112	Next Scheduled EDR Contact: 09/23/2013
	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: 04/09/2013
Date Data Arrived at EDR: 04/11/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 29

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/12/2013
Next Scheduled EDR Contact: 10/21/2013
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: 03/08/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 111

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 06/13/2013
Next Scheduled EDR Contact: 09/23/2013
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: 05/08/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
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: 05/30/2013
Next Scheduled EDR Contact: 09/09/2013
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: 06/07/2013
Date Data Arrived at EDR: 06/11/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 06/11/2013
Next Scheduled EDR Contact: 09/23/2013
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: 05/01/2013
Date Data Arrived at EDR: 05/09/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 62

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/09/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 04/19/2013
Date Data Arrived at EDR: 04/19/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 06/14/2013
Next Scheduled EDR Contact: 09/30/2013
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: 05/01/2013
Date Data Arrived at EDR: 05/02/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 69

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 07/15/2013
Next Scheduled EDR Contact: 10/28/2013
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: 12/31/2011
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 62

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
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: 06/17/2013
Date Data Arrived at EDR: 06/24/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 16

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 06/21/2013
Next Scheduled EDR Contact: 10/07/2013
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: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
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: 07/18/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
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.

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: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2013	Telephone: 617-520-3000
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 05/10/2013
Number of Days to Update: 81	Next Scheduled EDR Contact: 08/26/2013
	Data Release Frequency: Quarterly

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: 03/04/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/15/2013	Telephone: 202-566-1917
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 05/20/2013
Number of Days to Update: 56	Next Scheduled EDR Contact: 09/02/2013
	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: 05/17/2013
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/26/2013
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 04/22/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 04/23/2013	Telephone: 518-402-8660
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 07/03/2013
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/21/2013
	Data Release Frequency: Varies

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: 07/19/2013
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/28/2013
	Data Release Frequency: Varies

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: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/14/2013
Next Scheduled EDR Contact: 09/23/2013
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: 10/31/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 04/11/2013
Date Data Arrived at EDR: 04/11/2013
Date Made Active in Reports: 05/03/2013
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Quarterly

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
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

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: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/18/2012	Source: EPA
Date Data Arrived at EDR: 04/04/2013	Telephone: 202-564-6023
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 07/03/2013
Number of Days to Update: 97	Next Scheduled EDR Contact: 10/14/2013
	Data Release Frequency: Quarterly

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 05/03/2013
Number of Days to Update: 83	Next Scheduled EDR Contact: 08/12/2013
	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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: 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 US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

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: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

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: N/A
Telephone: N/A
Last EDR Contact: N/A
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: 06/03/2013
Date Data Arrived at EDR: 06/05/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 35

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 06/03/2013
Date Data Arrived at EDR: 06/05/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 35

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/08/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: No Update Planned

Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/03/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/08/2013
Next Scheduled EDR Contact: 10/21/2013
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: 05/03/2013
Next Scheduled EDR Contact: 08/19/2013
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: 06/24/2013
Date Data Arrived at EDR: 06/24/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 16

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 06/10/2013
Next Scheduled EDR Contact: 09/23/2013
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 06/24/2013
Date Data Arrived at EDR: 06/24/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 16

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 06/10/2013
Next Scheduled EDR Contact: 09/23/2013
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 05/03/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Annually

Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 05/03/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Annually

WESTCHESTER COUNTY:

Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 06/06/2013
Date Data Arrived at EDR: 06/07/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 33

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 06/06/2013
Date Data Arrived at EDR: 06/07/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 33

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
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: 05/20/2013
Date Data Arrived at EDR: 05/21/2013
Date Made Active in Reports: 06/27/2013
Number of Days to Update: 37

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/21/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Annually

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: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/18/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011

Date Data Arrived at EDR: 06/22/2012

Date Made Active in Reports: 07/31/2012

Number of Days to Update: 39

Source: Department of Environmental Management

Telephone: 401-222-2797

Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 03/26/2013

Date Data Arrived at EDR: 05/24/2013

Date Made Active in Reports: 07/22/2013

Number of Days to Update: 59

Source: Department of Environmental Conservation

Telephone: 802-241-3443

Last EDR Contact: 07/18/2013

Next Scheduled EDR Contact: 11/04/2013

Data Release Frequency: Annually

WI 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: 09/27/2012

Number of Days to Update: 70

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 07/17/2013

Next Scheduled EDR Contact: 09/30/2013

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.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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.

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 and 2005 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[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

470 MANHATTAN AVE
470 MANHATTAN AVE
BROOKLYN, NY 11222

TARGET PROPERTY COORDINATES

Latitude (North):	40.7202 - 40° 43' 12.72"
Longitude (West):	73.9476 - 73° 56' 51.36"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	588884.8
UTM Y (Meters):	4508018.5
Elevation:	16 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).

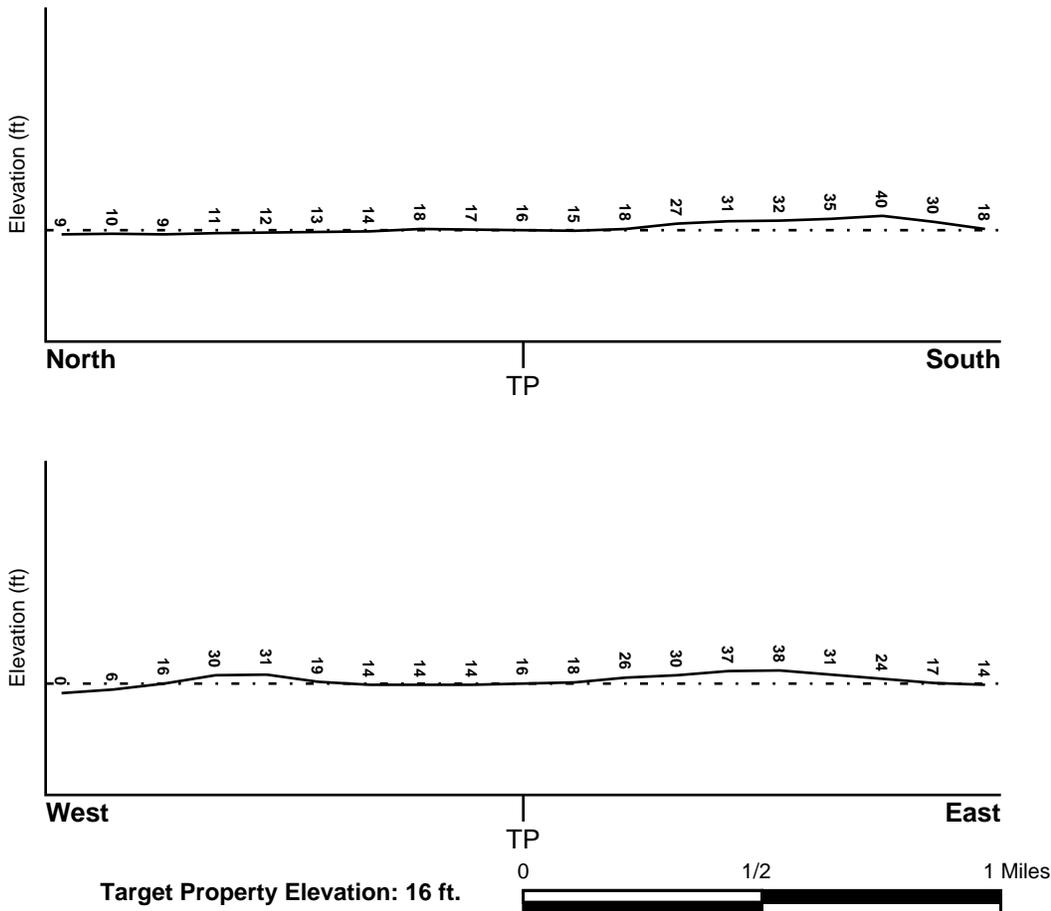
TOPOGRAPHIC INFORMATION

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 West

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:
3604970047B - FEMA Q3 Flood data
3604970048B - 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	USGS40000829707	0 - 1/8 Mile SSE
2	USGS40000829578	1/4 - 1/2 Mile SSW
A3	USGS40000829963	1/4 - 1/2 Mile NE
A4	USGS40000829964	1/4 - 1/2 Mile NE
5	USGS40000829892	1/4 - 1/2 Mile ENE
B6	USGS40000829805	1/4 - 1/2 Mile West
7	USGS40000829528	1/4 - 1/2 Mile SE
B8	USGS40000829792	1/4 - 1/2 Mile West
B9	USGS40000829834	1/4 - 1/2 Mile West
C10	USGS40000829485	1/4 - 1/2 Mile SSW
12	USGS40000829806	1/2 - 1 Mile West
C13	USGS40000829478	1/2 - 1 Mile SSW
14	USGS40000829597	1/2 - 1 Mile ESE
D15	USGS40000829561	1/2 - 1 Mile WSW
E16	USGS40000829386	1/2 - 1 Mile SSE
D17	USGS40000829572	1/2 - 1 Mile WSW
E18	USGS40000829385	1/2 - 1 Mile SSE
19	USGS40000829373	1/2 - 1 Mile SSW
20	USGS40000830081	1/2 - 1 Mile ENE
21	USGS40000829320	1/2 - 1 Mile South
22	USGS40000830369	1/2 - 1 Mile NNE
23	USGS40000829655	1/2 - 1 Mile ESE
24	USGS40000829291	1/2 - 1 Mile SSE
F25	USGS40000829262	1/2 - 1 Mile SSE
26	USGS40000829616	1/2 - 1 Mile WSW
F27	USGS40000829242	1/2 - 1 Mile South
28	USGS40000829364	1/2 - 1 Mile SE
29	USGS40000829263	1/2 - 1 Mile SSW
30	USGS40000829816	1/2 - 1 Mile West
G31	USGS40000829273	1/2 - 1 Mile SSE
G32	USGS40000829261	1/2 - 1 Mile SSE
H33	USGS40000829722	1/2 - 1 Mile East
34	USGS40000830559	1/2 - 1 Mile NNE
35	USGS40000830159	1/2 - 1 Mile ENE
36	USGS40000830095	1/2 - 1 Mile ENE
H37	USGS40000829706	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
11	NY0007257	1/2 - 1 Mile SW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

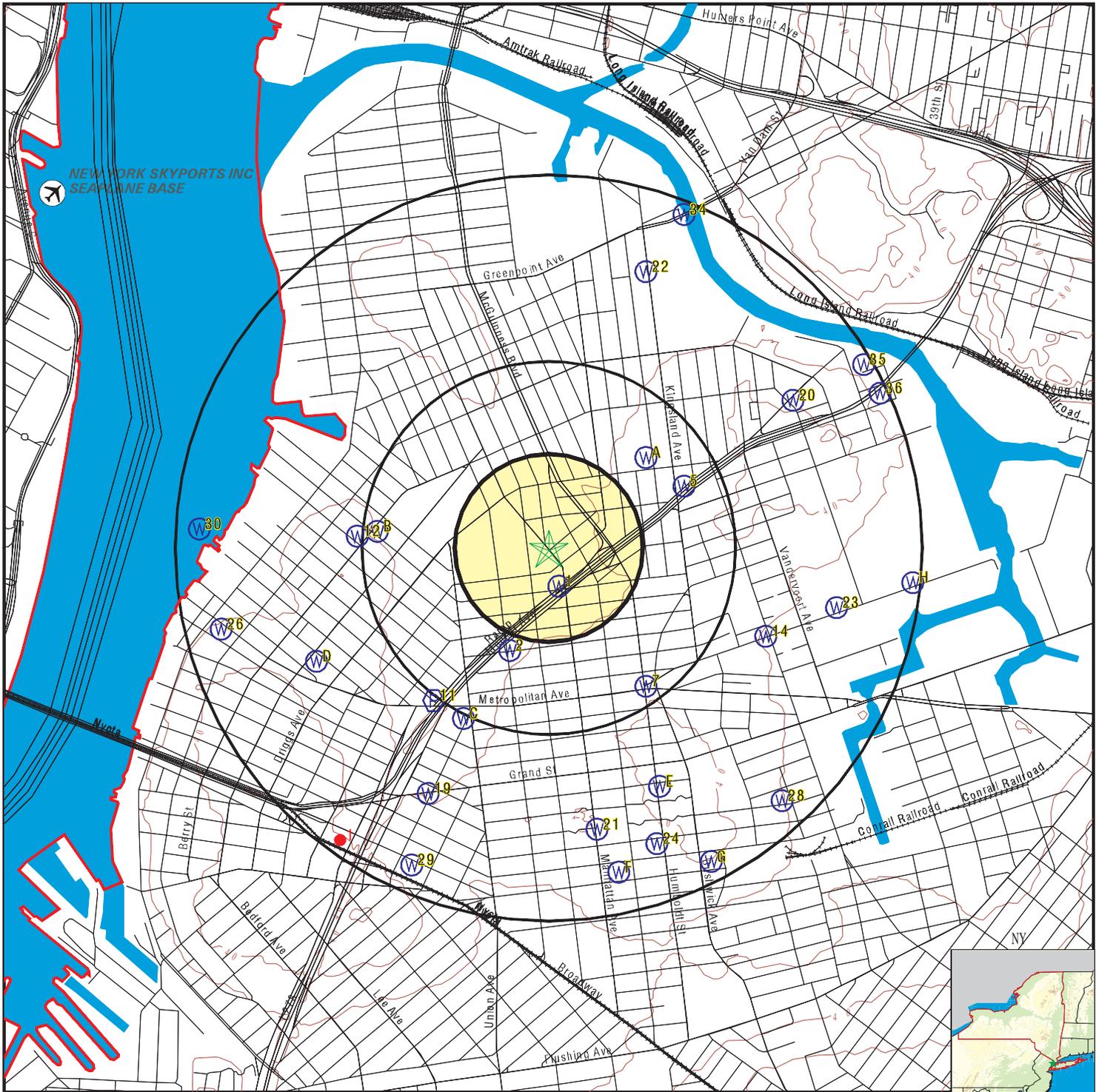
MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

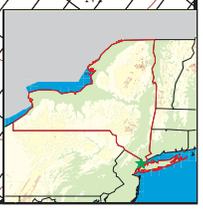
MAP ID	WELL ID	LOCATION FROM TP
1	NYOG70000000029	1/2 - 1 Mile SW

PHYSICAL SETTING SOURCE MAP - 3679403.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- 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: 470 Manhattan Ave
 ADDRESS: 470 Manhattan Ave
 Brooklyn NY 11222
 LAT/LONG: 40.7202 / 73.9476

CLIENT: URS Corporation
 CONTACT: Cary Friedman
 INQUIRY #: 3679403.2s
 DATE: July 29, 2013 4:50 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
SSE **FED USGS** **USGS40000829707**
0 - 1/8 Mile
Lower

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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	194
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

2
SSW **FED USGS** **USGS40000829578**
1/4 - 1/2 Mile
Higher

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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	195
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**A3
NE
1/4 - 1/2 Mile
Higher**

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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	23
Welldepth units:	ft	Wellholeddepth:	Not Reported
Wellholeddepth 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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
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

**A4
NE
1/4 - 1/2 Mile
Higher**

FED USGS USGS40000829964

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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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			

5

ENE

1/4 - 1/2 Mile
Higher

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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	218
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

B6
West
1/4 - 1/2 Mile
Higher

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		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	Not Reported	Welldepth:	Not Reported
Wellholedepth units:	ft	Wellholedepth:	55

Ground-water levels, Number of Measurements: 0

7
SE
1/4 - 1/2 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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	221
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

B8
West
1/4 - 1/2 Mile
Higher

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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	32
Welldepth units:	ft	Wellholeddepth:	Not Reported
Wellholeddepth 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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1939-02-24		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
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

B9
West
1/4 - 1/2 Mile
Higher

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

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:	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

C10
SSW
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	Wellholedepth:	196
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

11
SW
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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Addressee / Facility: System Owner/Responsible Party
 ROSENBERG MAYER
 C/O MAYER ROSENBURG
 570 BEDFORD AVE
 BROOKLYN, NY 11211

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.

12
West
1/2 - 1 Mile
Higher

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	
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

C13
SSW
1/2 - 1 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	

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:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	ft	Welldepth:	46
Wellholedepth units:	ft	Wellholedepth:	74

Ground-water levels, Number of Measurements: 0

**14
ESE
1/2 - 1 Mile
Higher**

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		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	Not Reported	Welldepth:	Not Reported
Wellholedepth units:	ft	Wellholedepth:	215

Ground-water levels, Number of Measurements: 0

**D15
WSW
1/2 - 1 Mile
Higher**

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 units:	Not Reported	Welldepth:	Not Reported
Wellholedepth units:	ft	Wellholedepth:	90

Ground-water levels, Number of Measurements: 0

**E16
SSE
1/2 - 1 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		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	Not Reported	Welldepth:	Not Reported
Wellholedepth units:	ft	Wellholedepth:	137

Ground-water levels, Number of Measurements: 0

**D17
WSW
1/2 - 1 Mile
Higher**

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

**E18
SSE
1/2 - 1 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	Wellholedepth:	240
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**19
SSW
1/2 - 1 Mile
Higher**

FED USGS USGS40000829373

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

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:	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

20
ENE
1/2 - 1 Mile
Higher

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

21
South
1/2 - 1 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

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:	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	Wellholedepth:	120
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

22
NNE
1/2 - 1 Mile
Lower

FED USGS USGS40000830369

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404351073563501		
Monloc name:	K 579. 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:	40.7309355
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:	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:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	82
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

23
ESE
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

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:	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:	190
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**24
SSE
1/2 - 1 Mile
Higher**

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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	140
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**F25
SSE
1/2 - 1 Mile
Higher**

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

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:	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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	92
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

26
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40000829616

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404301073575301		
Monloc name:	K 2591. 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:	40.7170469
Longitude:	-73.964305	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:	2.0
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

F27
South
1/2 - 1 Mile
Higher

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

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:	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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	212
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**28
SE
1/2 - 1 Mile
Higher**

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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	74
Welldepth units:	ft	Wellholedepth:	74
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
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
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
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
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
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			

29
SSW
1/2 - 1 Mile
Higher

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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	165
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

30
West
1/2 - 1 Mile
Lower

FED USGS USGS40000829816

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404315073575701		
Monloc name:	K 688. 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:	40.7209357
Longitude:	-73.9654162	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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	111
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**G31
SSE
1/2 - 1 Mile
Higher**

FED USGS USGS40000829273

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404229073562301		
Monloc name:	K 1490. 1		
Monloc type:	Well		
Monloc desc:	2301		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7081582
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:	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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	135
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

G32
SSE
1/2 - 1 Mile
Higher

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 units:	Not Reported	Welldepth:	Not Reported
Wellholedepth units:	ft	Wellholedepth:	130

Ground-water levels, Number of Measurements: 0

H33
East
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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	163
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

34
NNE
1/2 - 1 Mile
Lower

FED USGS USGS40000830559

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404359073562801		
Monloc name:	K 711. 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:	40.7331577
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:	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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	74
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

35
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40000830159

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404338073555501		
Monloc name:	K 1370. 1		
Monloc type:	Well		
Monloc desc:	5501		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7273245
Longitude:	-73.9315263	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:	27.0
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:	72
Construction date:	Not Reported	Wellholedepth:	77
Welldepth units:	ft		
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

36
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40000830095

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404334073555201		
Monloc name:	K 1560. 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:	40.7262134
Longitude:	-73.930693	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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	101
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

H37
East
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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported
Construction date: Not Reported
Welldepth units: Not Reported
Wellholedepth units: ft

Welldepth: Not Reported
Wellholedepth: 222

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
SW
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:	01/28/2005	Dt spud:	03/28/2001
Dt comp:	01/18/2001	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:	04/26/2006	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>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >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 and 2005 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^R 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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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ENVIRONMENTAL CONSULTING, LLC.

114 WEDGEWOOD DRIVE • CORAM, NY 11727

PHONE (631) 331-3811 • FAX (631) 331-3809

July 30, 2014

Ms. Carrie Olson
Administrative Assistant
Heatherwood Communities
Construction Department & Commercial Accounts
1737 Veterans Hwy
Islandia, NY 11749

Re: Asbestos Inspection
2 Buildings
470 Manhattan Ave &
119-125 Newton Street
Brooklyn, NY

Dear Ms. Olson,

On July 8, 2014, Jet Environmental Consulting performed a pre-demolition asbestos inspection at the above referenced sites.

The inspection consisted of collecting samples of all suspect materials. The samples collected indicate asbestos **was** detected in some of the building materials. The enclosed inspection results spreadsheets for each building give a detailed description of the material, location and results.

Enclosed please find the sample results and the sample results worksheets.

The identified asbestos materials must be removed by a licensed and certified asbestos abatement contractor. The asbestos containing materials (ACM) must be removed before an ACP 5 form can be issued to the New York City Department of Buildings for demolition. Air monitoring must be performed when asbestos is removed or disturbed.

Jet Environmental Consulting would like to thank you for the opportunity to provide asbestos consulting services to Heatherwood Communities on this project.

Please contact us if you should have any questions or need any additional informational concerning this report.

Yours truly,

Richard Maniscalco
Project Manager

**EMSL Analytical, Inc.**

528 Mineola Avenue, Carle Place, NY 11514
 Phone/Fax: (516) 997-7251 / (516) 997-7528
<http://www.EMSL.com>

EMSL Order: 061408772
 CustomerID: JETE50
 CustomerPO:
 ProjectID:

Attn: **Rich Maniscalco**
Jet Enviromental
114 Wedgewood Drive
Coram, NY 11727

Phone: (631) 331-3811
 Fax: (631) 331-3809
 Received: 07/08/14 12:57 PM
 Analysis Date: 7/9/2014
 Collected: 7/8/2014

Project: 470 Manhattan Ave, Brooklyn, Heatherwood Properties

Test Report: Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
4A 061408772-0007	1st Rm-Sheetrock	Tan/White Fibrous Heterogeneous	12.00% Cellulose	88.00% Non-fibrous (other)	None Detected
4B 061408772-0008	1st Rm-Sheetrock	Tan/White Fibrous Heterogeneous	15.00% Cellulose	85.00% Non-fibrous (other)	None Detected
5A 061408772-0009	1st Rm-Spackle	White Non-Fibrous Heterogeneous		65.00% Ca Carbonate 35.00% Non-fibrous (other)	None Detected
5B 061408772-0010	1st Rm-Spackle	White Non-Fibrous Heterogeneous		60.00% Ca Carbonate 40.00% Non-fibrous (other)	None Detected
7A 061408772-0013	Bath-Tile Grout	White Non-Fibrous Heterogeneous		25.00% Quartz 30.00% Ca Carbonate 45.00% Non-fibrous (other)	None Detected
7B 061408772-0014	Bath-Tile Grout	White Non-Fibrous Homogeneous		25.00% Quartz 25.00% Ca Carbonate 50.00% Non-fibrous (other)	None Detected

Analyst(s)

Pedro Calderon (6)

Michelle McGowan, Laboratory Manager
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. All samples examined for the presence of vermiculite.
 Samples analyzed by EMSL Analytical, Inc. Carle Place, NY NYS ELAP 11469

Initial report from 07/09/2014 16:38:04

**EMSL Analytical, Inc.**

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EMSL Order: 061408772

CustomerID: JETE50

CustomerPO:

ProjectID:

Attn: **Rich Maniscalco**
Jet Enviromental
114 Wedgewood Drive
Coram, NY 11727

Phone: (631) 331-3811
 Fax: (631) 331-3809
 Received: 07/08/14 12:57 PM
 Analysis Date: 7/9/2014
 Collected: 7/8/2014

Project: 470 Manhattan Ave, Brooklyn, Heatherwood Properties

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method

SAMPLE ID	DESCRIPTION	APPEARANCE	MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
1A 061408772-0001	Entrance-1x1 Brown FT	Brown Non-Fibrous Homogeneous	96.5% Other	None	3.5% Chrysotile 3.5% Total
1B 061408772-0002	Entrance-1x1 Brown FT	Brown Non-Fibrous Homogeneous	96.5% Other	None	3.5% Chrysotile 3.5% Total
2A 061408772-0003	Entrance-FT Mastic	Gray /Black Non-Fibrous Homogeneous	100% Other	None	Inconclusive: No Asbestos Detected
2B 061408772-0004	Entrance-FT Mastic	Black Non-Fibrous Homogeneous	100% Other	None	Inconclusive: No Asbestos Detected
3A 061408772-0005	1st Room-2x4 Ceiling Tile	Gray /White Fibrous Homogeneous	53.1% Other	46.9 Min. Wool	Inconclusive: No Asbestos Detected
3B 061408772-0006	1st Room-2x4 Ceiling Tile	Gray /White Fibrous Homogeneous	53.7% Other	46.3 Min. Wool	Inconclusive: No Asbestos Detected
6A 061408772-0011	1st Room-Cove Base Mastic	Black /Yellow Non-Fibrous Homogeneous	100% Other	None	Inconclusive : <1%Anthophyllite Inconclusive - <1% Total

Analyst(s)

Pedro Calderon (16)

Michelle McGowan, Laboratory Manager
or other approved signatory

*Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method limitations. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Carle Place, NY NYS ELAP 11469

Initial report from 07/09/2014 16:37:56

Test Report PLMNYNOB-7.27.8 Printed: 7/9/2014 4:37:56 PM

1

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Phone: (631) 331-3811
 Fax: (631) 331-3809
 Received: 07/08/14 12:57 PM
 Analysis Date: 7/9/2014
 Collected: 7/8/2014

Project: 470 Manhattan Ave, Brooklyn, Heatherwood Properties

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method

SAMPLE ID	DESCRIPTION	APPEARANCE	MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
6B 061408772-0012	1st Room-Cove Base Mastic	Black /Yellow Non-Fibrous Homogeneous	100% Other	None	Inconclusive : <1%Anthophyllite Inconclusive - <1% Total
8A 061408772-0015	2nd Rm-2x4 Fissured CT	Gray Fibrous Homogeneous	68.8% Other	31.2 Min. Wool	Inconclusive: No Asbestos Detected
8B 061408772-0016	2nd Rm-2x4 Fissured CT	Gray /White Fibrous Homogeneous	67.8% Other	32.2 Min. Wool	Inconclusive: No Asbestos Detected
9A 061408772-0017	Window-Glazing	Gray Non-Fibrous Homogeneous	97.8% Other	None	2.2% Chrysotile 2.2% Total
9B 061408772-0018	Window-Glazing	Gray Non-Fibrous Homogeneous	97.2% Other	None	2.8% Chrysotile 2.8% Total
10A 061408772-0019	Roof-Membrane	Gray /Black Fibrous Homogeneous	94.5% Other	None	5.5% Chrysotile 5.5% Total
10B 061408772-0020	Roof-Membrane	Gray /Black Fibrous Homogeneous	95.7% Other	None	4.3% Chrysotile 4.3% Total

Analyst(s)

 Pedro Calderon (16)

Michelle McGowan

 Michelle McGowan, Laboratory Manager
 or other approved signatory

*Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method limitations. Samples received in good condition unless otherwise noted.
 Samples analyzed by EMSL Analytical, Inc. Carle Place, NY NYS ELAP 11469

Initial report from 07/09/2014 16:37:56



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Analysis Date: 7/9/2014
Collected: 7/8/2014

Project: 470 Manhattan Ave, Brooklyn, Heatherwood Properties

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method

SAMPLE ID	DESCRIPTION	APPEARANCE	MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
11A 061408772-0021	Roof-Flashing	Black Non-Fibrous Homogeneous	85.7% Other	None	14.3% Chrysotile 14.3% Total
11B 061408772-0022	Roof-Flashing	Black Non-Fibrous Homogeneous	85.0% Other	None	15.0% Chrysotile 15.0% Total

Analyst(s)

Pedro Calderon (16)

Michelle McGowan

Michelle McGowan, Laboratory Manager
or other approved signatory

*Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method limitations. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Carle Place, NY NYS ELAP 11469

Initial report from 07/09/2014 16:37:56

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<http://www.EMSL.com>carleplacelab@emsl.com

EMSL Order:	061408772
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CustomerPO:	
ProjectID:	

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 Fax: (631) 331-3809
 Received: 07/08/14 12:57 PM
 Analysis Date: 7/29/2014
 Collected: 7/8/2014

Project: 470 Manhattan Ave, Brooklyn, Heatherwood Properties

Test Report: Asbestos Analysis of Non-Friable Organically Bound materials by Transmission Electron Microscopy via NYS ELAP Method 198.4

SAMPLE ID	DESCRIPTION	APPEARANCE	MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
2A 061408772-0003	Entrance-FT Mastic	Non-Fibrous Homogeneous	100.0% Other	None	No Asbestos Detected	
composite w/ leveling compound						
2B 061408772-0004	Entrance-FT Mastic	Non-Fibrous Heterogeneous	100.0% Other	None	No Asbestos Detected	
3A 061408772-0005	1st Room-2x4 Ceiling Tile	Fibrous Heterogeneous	100.0% Other	None	No Asbestos Detected	
3B 061408772-0006	1st Room-2x4 Ceiling Tile	Fibrous Heterogeneous	100.0% Other	None	No Asbestos Detected	
6A 061408772-0011	1st Room-Cove Base Mastic	Yellow Non-Fibrous Heterogeneous	98.7% Other	None	1.3% Anthophyllite	1.3
6B 061408772-0012	1st Room-Cove Base Mastic	Yellow Non-Fibrous Heterogeneous	98.6% Other	None	1.4% Anthophyllite	1.4
8A 061408772-0015	2nd Rm-2x4 Fissured CT	Fibrous Heterogeneous	100.0% Other	None	No Asbestos Detected	
8B 061408772-0016	2nd Rm-2x4 Fissured CT	Fibrous Heterogeneous	100.0% Other	None	No Asbestos Detected	

Analyst(s)

Ryan DeLand (6)
 Zlatan Dimitrijevic (2)

Michelle McGowan, Laboratory Manager
 or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.
 Samples analyzed by EMSL Analytical, Inc. Carle Place, NY NYS ELAP 11469

Report Amended: 07/29/2014 09:11:20 Replaces the Inital Report 07/10/2014 15:35:08. Reason Code: Client-Samples Added

APPENDIX D
SOIL BORING LOGS

SOIL BORING LOG		470 Manhattan Avenue Brooklyn, New York		Boring No. SB-1				
 440 Park Avenue South, New York, NY Phone (212) 696-0670 Fax (212) 726-		AKRF Project Number: 12306		Sheet 1 of 1				
		Drilling Method: Geoprobe Sampling Method: 5' Macrocore Driller: Zebra Tech. Services, LLC Sampler: K. Hennigan		Drilling Start Time: 10:00 Finish Time: 10:30 Date: 9/28/2015 Weather:				
Depth (feet)	Recovery (Inches)	Surface Condition:		Odor	Moisture	PID (PPM)	NAPL	Samples Collected for Lab Analysis
1	22	CONCRETE	Brown SAND, trace Gravel, Brick, and Asphalt (FILL).	ND	Dry	ND	ND	SB-1 (0-2)
2								SB-1 (1-2)G
3								
4								SB-1 (4-6)
5								
6	22		Black SAND, some brown Sand, trace Gravel (FILL).	Organic	Moist	ND	ND	SB-1 4-6)G
7								
8								
9								
10								
11	30		Brown-black Silty SAND.	ND	Moist	ND	ND	
12								
13								
14								
15								
16	50		Brown Silty SAND.	ND	Wet	ND	ND	
17								
18								
19								
20								

Notes: End of boring at 20 feet below ground surface.
 Groundwater encountered at 12.3 feet below grade.
 PID = photoionization detector

ND = Not Detected

SOIL BORING LOG		470 Manhattan Avenue Brooklyn, New York		Boring No. SB-2				
AKRF Project Number: 12306		AKRF Project Number: 12306		Sheet 1 of 1				
 440 Park Avenue South, New York, NY Phone (212) 696-0670 Fax (212) 726-		Drilling Method: Geoprobe Sampling Method: 5' Macrocore Driller : Zebra Tech. Services, LLC Sampler: K. Hennigan		Drilling Start Time: 10:00 Finish Time: 10:30 Date: 9/29/2015 Weather: 77 °F, Clear				
Depth (feet)	Recovery (inches)	Surface Condition: CONCRETE		Odor	Moisture	PID (PPM)	NAPL	Samples Collected for Lab Analysis
1	31	Brown SAND, trace Gravel (FILL).		ND	Dry	ND	ND	SB-2 (0-2)
2								SB-2 (1-2)G
3								
4								
5								SB-2 (4-6)
6	22	Brown SAND, some brown Silty Sand, trace Gravel (FILL).		ND	Wet	ND	ND	SB-2 (5-6)G
7								
8								
9								
10								
11	44	Top 12": Brown SAND, some Gravel.		ND	Wet	ND	ND	
12								
13		Bottom 32": Brown SAND.		ND	Wet	ND	ND	
14								
15								

Notes: End of boring at 15 feet below ground surface.
 Groundwater encountered at 10.2 feet below grade.
 PID = photoionization detector ND = Not Detected

SOIL BORING LOG		470 Manhattan Avenue Brooklyn, New York		Boring No. SB-3				
 440 Park Avenue South, New York, NY Phone (212) 696-0670 Fax (212) 726-		AKRF Project Number: 12306		Sheet 1 of 1				
		Drilling Method: Geoprobe Sampling Method: 5' Macrocore Driller: Zebra Tech. Services, LLC Sampler: K. Hennigan		Drilling Start Time: 14:30 Finish Time: 15:00 Date: 9/29/2015 Weather: 77 °F, Clear				
Depth (feet)	Recovery (Inches)	Surface Condition:	CONCRETE	Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
1	15	Top 4": CONCRETE (FILL).		ND	Dry	ND	ND	SB-3 (0-2)
2								SB-3 (1-2) G
3								
4		Bottom 11": Brown SAND (FILL).		ND	Dry	ND	ND	SB-3 (4-6)
5								
6	45	Top 3": Brown SAND (FILL).		ND	Dry	ND	ND	SB-3 (5-6)G
7		Next 1": CONCRETE (FILL).		ND	Dry	ND	ND	
8		Next 1": ASPHALT (FILL).		ND	Moist	ND	ND	
9		Bottom 40": Brown Silty SAND.		ND	Moist	ND	ND	
10								
11	55	Top 5": Brown Silty SAND (FILL).		ND	Wet	ND	ND	
12								
13								
14		Bottom 50": Brown SAND.		ND	Wet	ND	ND	
15								
16	60	Brown SAND.		ND	Wet	ND	ND	
17								
18								
19								
20								

Notes: End of boring at 20 feet below ground surface

Groundwater encountered at 10.0 feet below grade.

PID = photoionization detector

ND = Not Detected

SOIL BORING LOG		470 Manhattan Avenue Brooklyn, New York	Boring No. SB-4					
 440 Park Avenue South, New York, NY Phone (212) 696-0670 Fax (212) 726-		AKRF Project Number: 12306	Sheet 1 of 1					
		Drilling Method: Geoprobe Sampling Method: 5' Macrocore Driller: Zebra Tech. Services, LLC Sampler: A. Jordan	Drilling Start Time: 10:00 Finish Time: 10:15 Date: 10/9/2015 Weather: 67 °F, Cloudy					
Depth (feet)	Recovery (Inches)	Surface Condition:	Odor	Moisture	PID (PPM)	NAPL	Samples Collected for Lab Analysis	
1	26	Top 6": CONCRETE (FILL).	ND	Dry	ND	ND	SB-4 (1-2)G	
2		Middle 10": Dark brown SAND, some Gravel, trace Silt (FILL).	ND	Dry	ND	ND	SB-4 (0-2)	
3			Bottom 10": Brown SAND, some Asphalt, trace Ash, Silt (FILL).	ND	Dry	ND	ND	SB-4 (4-5)G
4				ND	Dry	ND	ND	SB-4 (4-6)
5								
6	24	Top 15": Red-brown SAND, some Silt, Ash, Gravel (FILL).	ND	Moist	ND	ND		
7		Bottom 9": Dark brown-black Silt SAND, trace fine Gravel, Ash, Silt (FILL).	Organic-like	Moist	ND	ND		
8								
9								
10								
11	41	Top 12": Dark brown-black Silty SAND, trace fine Gravel, Ash, Silt (FILL).	Organic-like	Wet	ND	ND		
12		Bottom 29": Brown SAND, some Silt.	Slight organic-like	Wet	ND	ND		
13								
14								
15								
16	60	Light brown SAND.	ND	Wet	ND	ND		
17								
18								
19								
20								

Notes: End of boring at 15 feet below ground surface.
 Groundwater encountered at 12 feet below grade.
 PID = photoionization detector

ND = Not Detected

SOIL BORING LOG		470 Manhattan Avenue Brooklyn, New York		Boring No. SB-5				
 440 Park Avenue South, New York, NY Phone (212) 696-0670 Fax (212) 726-		AKRF Project Number: 12306		Sheet 1 of 1				
		Drilling Method: Geoprobe Sampling Method: 5' Macrocore Driller: Zebra Tech. Services, LLC Sampler: K. Hennigan		Drilling Start Time: 10:15 Finish Time: 10:45 Date: 9/29/2015 Weather: 77 °F, Clear				
Depth (feet)	Recovery (Inches)	Surface Condition:	CONCRETE	Odor	Moisture	PID (PPM)	NAPL	Samples Collected for Lab Analysis
1	12	Top 4": CONCRETE (FILL).		ND	Dry	ND	ND	SB-5 (0-2)
2								SB-5 (1-2)G
3								
4		Bottom 8": Brown SAND (FILL).		ND	Dry	ND	ND	SB-5 (4-6)
5	36							
6		Top 6": Brown SAND (FILL).		ND	Dry	ND	ND	SB-5 (5-6)G
7		Next 1": CONCRETE (FILL).		ND	Dry	ND	ND	
8		Next 1": ASPHALT (FILL).		ND	Moist	ND	ND	
9		Bottom 28": Brown Silty SAND.		ND	Moist	ND	ND	
10								
11	48	Top 8": Brown Silty SAND (FILL).		ND	Wet	ND	ND	
12								
13								
14		Bottom 40": Brown SAND.		ND	Wet	ND	ND	
15	48							
16								
17		Brown SAND.		ND	Wet	ND	ND	
18								
19								
20								

Notes: End of boring at 20 feet below ground surface.
 Groundwater encountered at 10 feet below grade.
 PID = photoionization detector

ND = Not Detected

SOIL BORING LOG		470 Manhattan Avenue Brooklyn, New York		Boring No. SB-6				
 440 Park Avenue South, New York, NY Phone (212) 696-0670 Fax (212) 726-		AKRF Project Number: 12306		Sheet 1 of 1				
		Drilling Method: Geoprobe Sampling Method: 5' Macrocore Driller: Zebra Tech. Services, LLC Sampler: K. Hennigan		Drilling Start Time: 11:15 Finish Time: 11:30 Date: 9/28/2015 Weather: 77 °F, Clear				
Depth (feet)	Recovery (Inches)	Surface Condition:	CONCRETE	Odor	Moisture	PID (PPM)	NAPL	Samples Collected for Lab Analysis
1	33	Brown SAND, trace Brick, Gravel, Asphalt (FILL).		ND	Dry	ND	ND	SB-6 (0-2)
2								SB-6 (1-2)G
3								
4								
5								SB-6 (4-6)
6	2	Brown SAND, trace Brick, Gravel, Asphalt (FILL).		ND	Dry	ND	ND	SB-6 (5-6)G
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Notes: End of boring at 6 feet below ground surface.
 Groundwater not encountered.
 PID = photoionization detector

ND = Not Detected

SOIL BORING LOG		470 Manhattan Avenue Brooklyn, New York		Boring No. SB-7				
 440 Park Avenue South, New York, NY Phone (212) 696-0670 Fax (212) 726-		AKRF Project Number: 12306		Sheet 1 of 1				
		Drilling Method: Geoprobe Sampling Method: 5' Macrocore Driller: Zebra Tech. Services, LLC Sampler: K. Hennigan		Drilling Start Time: 11:50 Finish Time: 12:10 Date: 9/28/2015 Weather: 77 °F, Clear				
Depth (feet)	Recovery (Inches)	Surface Condition:	CONCRETE	Odor	Moisture	PID (PPM)	NAPL	Samples Collected for Lab Analysis
1	36	Brown SAND, some black Sand, trace Gravel (FILL).		ND	Dry	17	ND	SB-7 (0-2)
2								SB-7 (3-4)G
3								
4								
5								
6	30	Brown SAND, some black Sand, trace Gravel (FILL).		ND	Moist	ND	ND	
7								
8								
9								SB-7 (8-10)
10								SB-7 (9-10)G
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Notes: End of boring at 10 feet below ground surface.
 Groundwater not encountered.

PID = photoionization detector

PPM= parts per million

ND = Not Detected

SOIL BORING LOG		470 Manhattan Avenue Brooklyn, New York		Boring No. SB-8				
 440 Park Avenue South, New York, NY Phone (212) 696-0670 Fax (212) 726-		AKRF Project Number: 12306		Sheet 1 of 1				
		Drilling Method: Remote Geoprobe		Drilling				
		Sampling Method: 3' Macrocore		Start Time: 12:30	Finish Time: 12:40			
		Driller: Zebra Tech. Services, LLC		Date: 9/28/2015				
Sampler: A. Jordan		Weather: 67 °F, Cloudy						
Depth (feet)	Recovery (Inches)	Surface Condition:	Concrete	Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
1	36	Top 3": CONCRETE (FILL).		ND	Dry	ND	ND	SB-8 (1-2)G
2		Bottom 37": Brown SAND, some Gravel (FILL).		ND	Dry	ND	ND	SB-8 (0-2)
3								
4								
5							SB-8 (4-5)G	
6	10	Brown SAND, some Gravel (FILL).		ND	Dry	ND	ND	SB-8 (4-6)
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Notes: End of boring at 6 feet below ground surface.

Groundwater not encountered.

PID = photoionization detector

(PPM= parts per million)

ND = Not Detected

SOIL BORING LOG		470 Manhattan Avenue Brooklyn, New York		Boring No. SB-9				
 440 Park Avenue South, New York, NY Phone (212) 696-0670 Fax (212) 726-		AKRF Project Number: 12306		Sheet 1 of 1				
		Drilling Method: Remote Geoprobe		Drilling				
		Sampling Method: 3' Macrocore		Start Time: 11:55	Finish Time: 12:10			
		Driller: Zebra Tech. Services, LLC		Date: 10/9/2015				
		Sampler: A. Jordan		Weather: 67 °F, Cloudy				
Depth (feet)	Recovery (inches)	Surface Condition:	Rubber, Concrete	Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
1	32	Top 6": CONCRETE (FILL).		ND	Dry	ND	ND	SB-9 (1-2)G
2		Bottom 26": Red-brown SAND, trace Concrete, Silt, Wood Chips, Slag, Brick, Ash (FILL).		ND	Dry	ND	ND	SB-9 (0-2)
3								
4	26	Top 20": Red-brown SAND, trace Concrete, Silt, Wood Chips, Slag, Brick, Ash (FILL).		ND	Dry	ND	ND	SB-9 (4-5)G
5		Bottom 6": Black ASH, trace dark brown Sand (FILL).		ND	Dry	ND	ND	SB-9 (4-6)
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Notes: End of boring at 6 feet below ground surface.

Groundwater not encountered.

PID = photoionization detector

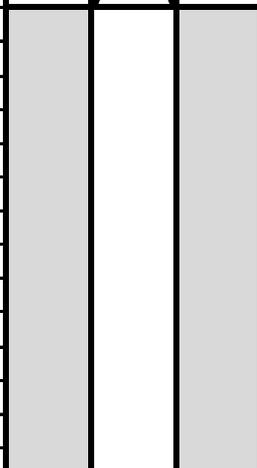
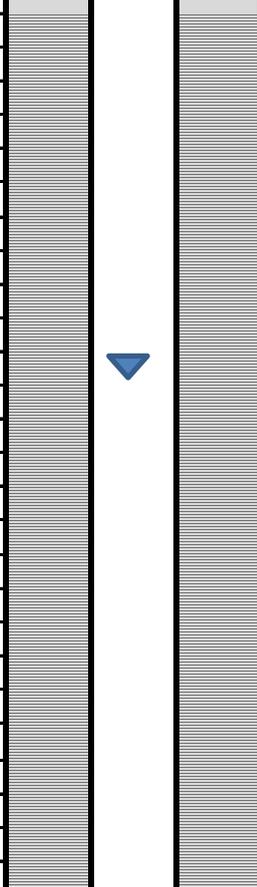
ND = Not Detected

SOIL BORING LOG		470 Manhattan Avenue Brooklyn, New York		Boring No. SB-10				
 440 Park Avenue South, New York, NY Phone (212) 696-0670 Fax (212) 726-		AKRF Project Number: 12306		Sheet 1 of 1				
		Drilling Method: Remote Geoprobe Sampling Method: 3' Macrocore Driller: Zebra Tech. Services, LLC Sampler: A. Jordan		Drilling Start Time: 13:01 Finish Time: 13:25 Date: 10/9/2015 Weather: 67 °F, Cloudy				
Depth (feet)	Recovery (inches)	Surface Condition: Rubber, Concrete		Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
1	8	Top 4": CONCRETE (FILL).		ND	Dry	ND	ND	SB-10 (1-2)G
2		Bottom 4": Brown SAND, some Concrete, trace Brick, Silt (FILL).		ND	Dry	ND	ND	SB-10 (0-2)
3								
4	10	Brown SAND, some Concrete, track Brick, Silt (FILL).		ND	Dry	ND	ND	SB-10 (4-5)G
5								SB-10 (4-6)
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Notes: End of boring at 6 feet below ground surface.
 Groundwater not encountered.
 PID = photoionization detector

ND = Not Detected

APPENDIX E
TEMPORARY GROUNDWATER MONITORING WELL CONSTRUCTION
LOGS

AKRF, Inc.		470 Manhattan Avenue, Brooklyn, New York		Well ID: GW-1		
		AKRF Project Number : 12306		Sheet 1 of 1		
Environmental Consultants 440 Park Avenue South, 7th Fl. New York, NY 10016		Drilling Method: Geoprobe	Driller : Zebra Tech, Services, LLC		Drilling	
		Weather: 77 °F, Clear	Logged by: K. Hennigan		Start Time: 10:00 Finish Time: 10:45	
				Date: 09/28/2015		
Depth (feet)	Well Construction	Surface Condition: Concrete		Soil Boring Log	Recovery (Inches)	
2		Stick-up 2"-diameter PVC well casing: seal: +~2' to grade				
1						
0						
1		2"-diameter PVC well casing: grade to 7'		Brown SAND, trace Gravel, Brick, and Asphalt (FILL).	31	
2						
3						
4						
5						
6						
7						
8			2"-diameter PVC well screen: 7' to 20'		Black SAND, some brown Sand, trace Gravel (FILL).	22
9						
10						
11						
12						
13			Groundwater: 12.3' below grade	Brown-black Silty SAND.	44	
14						
15						
16						
17						
18						
19						
20			Bottom of well: 20' below grade	Brown Silty SAND.	50	
Notes:  Groundwater depth indicator Groundwater encountered at 12.3' below grade.						

AKRF, Inc.		470 Manhattan Avenue, Brooklyn, New York		Well ID: GW-2		
		AKRF Project Number : 12306		Sheet 1 of 1		
Environmental Consultants 440 Park Avenue South, 7th Fl. New York, NY 10016		Drilling Method:	Geoprobe		Drilling	
		Driller :	Zebra Tech, Services, LLC		Start Time: 10:00	Finish Time: 10:45
		Weather:	77 °F, Clear		Date: 09/29/2015	
		Logged by:	K. Hennigan			
Depth (feet)	Well Construction	Surface Condition: Concrete		Soil Boring Log	Recovery (Inches)	
2		Stick-up 2"-diameter PVC well casing: seal: +~2' to grade				
1						
0						
1		2"-diameter PVC well casing: grade to 7'		Brown SAND, trace Gravel (FILL).	31	
2						
3						
4						
5						
6						
7						
8		2"-diameter PVC well screen: 7' to 20'		Brown SAND, some brown Silty Sand, trace Gravel (FILL).	22	
9						
10						
11		Groundwater: 10.2' below grade		Brown-black Silty SAND.	44	
12						
13						
14						
15						
Bottom of well: 15' below grade						
Notes: Groundwater depth indicator Groundwater encountered at 10.2' below grade.						

AKRF, Inc.

470 Manhattan Avenue, Brooklyn, New York

AKRF Project Number : 12306

Well ID: **GW-3**

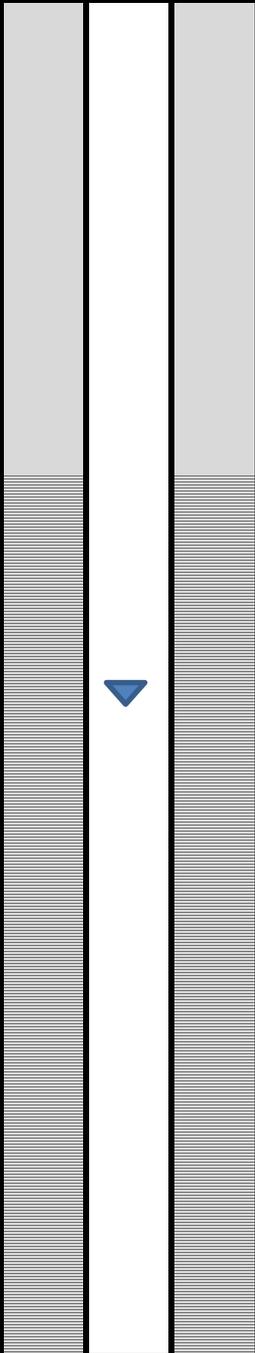
Sheet 1 of 1

Environmental Consultants

440 Park Avenue South, 7th Fl.
New York, NY 10016

Drilling Method: Geoprobe
 Driller : Zebra Tech, Services, LLC
 Weather: 77 °F, Clear
 Logged by: K. Hennigan

Drilling
 Start Time: 14:30 Finish Time: 15:15
 Date: 09/28/2015

Depth (feet)	Well Construction	Surface Condition: Concrete	Soil Boring Log	Recovery (Inches)				
2		Stick-up 2"-diameter PVC well casing: seal: +~2' to grade						
1			2"-diameter PVC well casing: grade to 7'	Top 4": CONCRETE (FILL).	15			
0								
1		2"-diameter PVC well screen: 7' to 20'		Bottom 11": Brown SAND (FILL).				
2				Groundwater: 10.0' below grade		Top 3": Brown SAND (FILL).	45	
3						Next 1": CONCRETE (FILL).		
4						Next 1": ASPHALT (FILL).		
5						Bottom 40": Brown Silty SAND.	Top 5": Brown Silty SAND (FILL).	55
6								
7								
8								
9								
10			Bottom 50": Brown SAND.		60			
11								
12								
13								
14								
15	Brown SAND.							
16								
17								
18								
19								
20			Bottom of well: 20' below grade					

Notes:  Groundwater depth indicator
 Groundwater encountered at 10.0' below grade.

AKRF, Inc.

470 Manhattan Avenue, Brooklyn, New York

AKRF Project Number : 12306

Well ID: **GW-4**

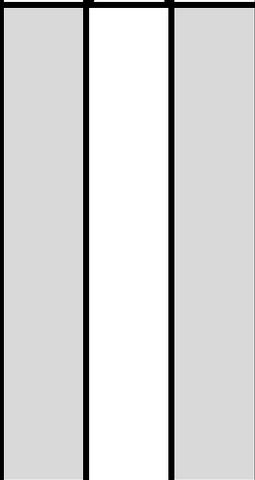
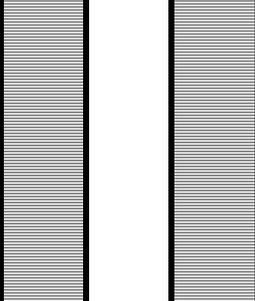
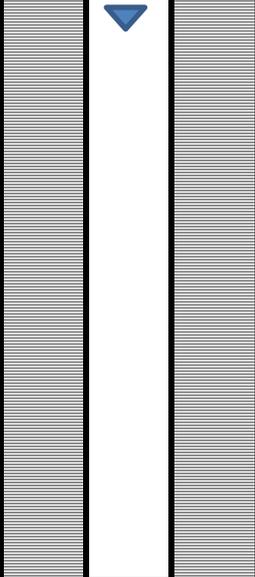
Sheet 1 of 1

Environmental Consultants

440 Park Avenue South, 7th Fl.
New York, NY 10016

Drilling Method: Geoprobe
 Driller : Zebra Tech, Services, LLC
 Weather: 77 °F, Clear
 Logged by: A. Jordan

Drilling
 Start Time: 10:00 Finish Time: 10:30
 Date: 10/09/2015

Depth (feet)	Well Construction	Surface Condition: Concrete	Soil Boring Log	Recovery (Inches)
2		Stick-up 2"-diameter PVC well casing: seal: +~2' to grade		
1				
0				
1		2"-diameter PVC well casing: grade to 7'	Top 6": CONCRETE (FILL).	26
2			Middle 10": Dark brown SAND, some Gravel, trace Silt (FILL).	
3			Bottom 10": Brown SAND, some Asphalt, trace Ash, Silt (FILL).	
4				
5				
6				
7		2"-diameter PVC well screen: 7' to 20'	Top 15": Red-brown SAND, some Silt, Ash, Gravel (FILL).	24
8				
9				
10				
11		Groundwater: 12.0' below grade	Top 12": Dark brown-black Silty S Ash, Silt (FILL).	41
12			Bottom 29": Brown SAND, some Silt.	
13				
14				
15				
16				
17				
18				
19				
20			Bottom of well: 20' below grade	

Notes:  Groundwater depth indicator
 Groundwater encountered at 12.0' below grade.

AKRF, Inc.

470 Manhattan Avenue, Brooklyn, New York

AKRF Project Number : 12306

Well ID: **GW-5**

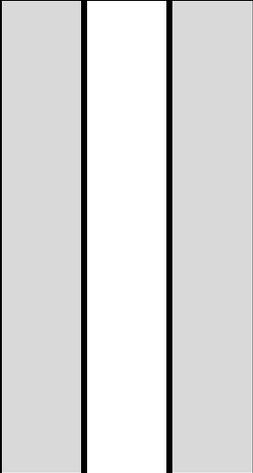
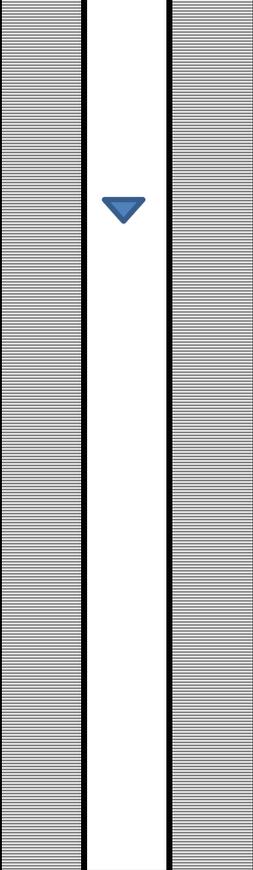
Sheet 1 of 1

Environmental Consultants

440 Park Avenue South, 7th Fl.
New York, NY 10016

Drilling Method: Geoprobe
 Driller : Zebra Tech, Services, LLC
 Weather: 77 °F, Clear
 Logged by: K. Hennigan

Drilling
 Start Time: 10:15 Finish Time: 11:00
 Date: 09/29/2015

Depth (feet)	Well Construction	Surface Condition: Concrete	Soil Boring Log	Recovery (Inches)				
2		Stick-up 2"-diameter PVC well casing: seal: +~2' to grade						
1								
0								
1		2"-diameter PVC well casing: grade to 7'	Top 4": CONCRETE (FILL).	12				
2			Bottom 8": Brown SAND (FILL).					
3				2"-diameter PVC well screen: 7' to 20'	Top 6": Brown SAND (FILL).	36		
4					Next 1": CONCRETE (FILL).			
5					Next 1": ASPHALT (FILL).			
6					Bottom 28": Brown Silty SAND.			
7					Groundwater: 10.0' below grade		Top 8": Brown Silty SAND (FILL).	48
8							Bottom 40": Brown SAND.	
9	Brown SAND.	48						
10								
11	Bottom of well: 20' below grade							
12								
13								
14								
15								
16								
17								
18								
19								
20								

Notes:  Groundwater depth indicator
 Groundwater encountered at 10.0' below grade.

APPENDIX F
SOIL VAPOR AND AMBIENT AIR SAMPLING LOGS

Job No: 12306 **Client:** 470 Manhattan Ave
LLC
Project Location: 470 Manhattan Ave,
Brooklyn, NY **Sampled By:** K. Hennigan
Date: 09/28/2015

Sample ID: AA-1
Canister ID: 1823
Flow Controller ID: 0557

Laboratory Sample (Summa Canister)

Time Started: 08:06 **Vacuum:** -29.99 inHg
Time Stopped: 10:02 **Vacuum:** -7.80 inHg

Potential VOC sources in vicinity: Vehicular Traffic

Job No: 12306 **Client:** 470 Manhattan Ave
LLC
Project Location: 470 Manhattan Ave,
Brooklyn, NY **Sampled By:** K. Hennigan
Date: 09/28/2015

Sample ID: SV-1
Canister ID: 152
Flow Controller ID: 0555

Purging

Time Started: 11:35
Time Stopped: 11:45
Vol. Purged: 1.0 liters
Flow Rate: 0.1 L/min

Laboratory Sample (Summa Canister)

Time Started: 11:50 **Vacuum:** -30.42 inHg
Time Stopped: 13:50 **Vacuum:** -7.84 inHg

Field Sample

PID Calibration: 100 parts per million
Time Started: 11:32
Time Stopped: 11:34
PID Reading: 55 parts per million
He Reading Not Detected

Job No: 12306 **Client:** 470 Manhattan Ave
LLC
Project Location: 470 Manhattan Ave,
Brooklyn, NY **Sampled By:** K. Hennigan
Date: 09/28/2015

Sample ID: SV-2
Canister ID: 2033
Flow Controller ID: 0366

Purging

Time Started: 08:10
Time Stopped: 08:20
Vol. Purged: 1.0 liters
Flow Rate: 0.1 L/min

Laboratory Sample (Summa Canister)

Time Started: 08:23 **Vacuum:** -30.89 inHg
Time Stopped: 10:38 **Vacuum:** -7.95 inHg

Field Sample

PID Calibration: 100 parts per million
Time Started: 08:06
Time Stopped: 08:08
PID Reading: 26 parts per million
He Reading Not Detected

Job No: 12306 **Client:** 470 Manhattan Ave
LLC
Project Location: 470 Manhattan Ave,
Brooklyn, NY **Sampled By:** A. Jordan
Date: 10/09/2015

Sample ID: SV-7
Canister ID: 406
Flow Controller ID: 0068

Purging

Time Started: 10:30
Time Stopped: 10:40
Vol. Purged: 1.0 liters
Flow Rate: 0.1 L/min

Laboratory Sample (Summa Canister)

Time Started: 12:00 **Vacuum:** -30.41 inHg
Time Stopped: 13:59 **Vacuum:** -7.39 inHg

Field Sample

PID Calibration: 100 parts per million
Time Started: 11:58
Time Stopped: 12:00
PID Reading: 5 parts per million
He Reading Not Detected

Job No: 12306 **Client:** 470 Manhattan Ave
LLC
Project Location: 470 Manhattan Ave,
Brooklyn, NY **Sampled By:** A. Jordan
Date: 10/09/2015

Sample ID: SV-4
Canister ID: 536
Flow Controller ID: 0003

Purging

Time Started: 11:05
Time Stopped: 11:15
Vol. Purged: 1.0 liters
Flow Rate: 0.1 L/min

Laboratory Sample (Summa Canister)

Time Started: 11:20 **Vacuum:** -30.38 inHg
Time Stopped: 13:42 **Vacuum:** -7.37 inHg

Field Sample

PID Calibration: 100 parts per million
Time Started: 11:03
Time Stopped: 11:05
PID Reading: 5 parts per million
He Reading Not Detected

Job No: 12306 **Client:** 470 Manhattan Ave
LLC
Project Location: 470 Manhattan Ave,
Brooklyn, NY **Sampled By:** A. Jordan
Date: 10/09/2015

Sample ID: SV-5
Canister ID: 333
Flow Controller ID: 0146

Purging

Time Started: 11:50
Time Stopped: 12:00
Vol. Purged: 1.0 liters
Flow Rate: 0.1 L/min

Laboratory Sample (Summa Canister)

Time Started: 12:07 **Vacuum:** -29.85 inHg
Time Stopped: 13:57 **Vacuum:** -7.50 inHg

Field Sample

PID Calibration: 100 parts per million
Time Started: 11:48
Time Stopped: 11:50
PID Reading: 4 parts per million
He Reading Not Detected

Job No: 12306 **Client:** 470 Manhattan Ave
LLC
Project Location: 470 Manhattan Ave,
Brooklyn, NY **Sampled By:** K. Hennigan
Date: 09/28/2015

Sample ID: SV-6
Canister ID: 174
Flow Controller ID: 0244

Purging

Time Started: 11:55
Time Stopped: 12:05
Vol. Purged: 1.0 liters
Flow Rate: 0.1 L/min

Laboratory Sample (Summa Canister)

Time Started: 12:12 **Vacuum:** -30.17 inHg
Time Stopped: 14:12 **Vacuum:** -6.28 inHg

Field Sample

PID Calibration: 100 parts per million
Time Started: 11:50
Time Stopped: 11:54
PID Reading: 60 parts per million
He Reading Not Detected

Job No: 12306 **Client:** 470 Manhattan Ave
LLC
Project Location: 470 Manhattan Ave,
Brooklyn, NY **Sampled By:** K. Hennigan
Date: 09/28/2015

Sample ID: SV-3
Canister ID: 116
Flow Controller ID: 0077

Purging

Time Started: 11:55
Time Stopped: 12:05
Vol. Purged: 1.0 liters
Flow Rate: 0.1 L/min

Laboratory Sample (Summa Canister)

Time Started: 10:51 **Vacuum:** -30.17 inHg
Time Stopped: 12:51 **Vacuum:** -6.28 inHg

Field Sample

PID Calibration: 100 parts per million
Time Started: 11:50
Time Stopped: 11:54
PID Reading: 60 parts per million
He Reading Not Detected

APPENDIX G
LABORATORY DATA DELIVERABLES FOR
SOIL AND GROUNDWATER ANALYTICAL DATA



ANALYTICAL REPORT

Lab Number:	L1524249
Client:	AKRF, Inc. 440 Park Avenue South 7th Floor New York, NY 10016
ATTN:	Amy Jordan
Phone:	(646) 388-9864
Project Name:	470 MANHATTAN AVE.
Project Number:	12306
Report Date:	10/07/15

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524249

Report Date: 10/07/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1524249-01	SB-1 (0-2)	SOIL	BROOKLYN, NY	09/28/15 10:10	09/28/15
L1524249-02	SB-1 (1-2)G	SOIL	BROOKLYN, NY	09/28/15 10:10	09/28/15
L1524249-03	SB-1 (4-6)	SOIL	BROOKLYN, NY	09/28/15 10:20	09/28/15
L1524249-04	SB-1 (4-6)G	SOIL	BROOKLYN, NY	09/28/15 10:20	09/28/15
L1524249-05	SB-6 (0-2)	SOIL	BROOKLYN, NY	09/28/15 11:15	09/28/15
L1524249-06	SB-6 (1-2)G	SOIL	BROOKLYN, NY	09/28/15 11:15	09/28/15
L1524249-07	SB-6 (4-6)	SOIL	BROOKLYN, NY	09/28/15 11:20	09/28/15
L1524249-08	SB-6 (5-6)G	SOIL	BROOKLYN, NY	09/28/15 11:20	09/28/15
L1524249-09	SB-7 (0-2)	SOIL	BROOKLYN, NY	09/28/15 12:15	09/28/15
L1524249-10	SB-7 (3-4)G	SOIL	BROOKLYN, NY	09/28/15 12:15	09/28/15
L1524249-11	SB-7 (8-10)	SOIL	BROOKLYN, NY	09/28/15 12:25	09/28/15
L1524249-12	SB-7 (9-10)G	SOIL	BROOKLYN, NY	09/28/15 12:25	09/28/15
L1524249-13	SB-8 (0-2)	SOIL	BROOKLYN, NY	09/28/15 12:45	09/28/15
L1524249-14	SB-8 (1-2)G	SOIL	BROOKLYN, NY	09/28/15 12:45	09/28/15
L1524249-15	SB-8 (4-6)	SOIL	BROOKLYN, NY	09/28/15 12:50	09/28/15
L1524249-16	SB-8 (5-6)G	SOIL	BROOKLYN, NY	09/28/15 12:50	09/28/15
L1524249-17	SB-2 (0-2)	SOIL	BROOKLYN, NY	09/28/15 13:45	09/28/15
L1524249-18	SB-2 (1-2)G	SOIL	BROOKLYN, NY	09/28/15 13:45	09/28/15
L1524249-19	SB-2 (4-6)	SOIL	BROOKLYN, NY	09/28/15 13:20	09/28/15
L1524249-20	SB-2 (5-6)G	SOIL	BROOKLYN, NY	09/28/15 13:20	09/28/15
L1524249-21	SB-3 (0-2)	SOIL	BROOKLYN, NY	09/28/15 14:40	09/28/15
L1524249-22	SB-3 (1-2)G	SOIL	BROOKLYN, NY	09/28/15 14:40	09/28/15
L1524249-23	SB-3 (4-6)	SOIL	BROOKLYN, NY	09/28/15 14:50	09/28/15
L1524249-24	SB-3 (5-6)G	SOIL	BROOKLYN, NY	09/28/15 14:50	09/28/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1524249-25	GW-2	WATER	BROOKLYN, NY	09/29/15 08:45	09/29/15
L1524249-26	GW-3	WATER	BROOKLYN, NY	09/29/15 11:30	09/29/15
L1524249-27	GW-5	WATER	BROOKLYN, NY	09/29/15 12:10	09/29/15
L1524249-28	GW-1	WATER	BROOKLYN, NY	09/29/15 12:50	09/29/15
L1524249-29	SB-5 (0-2)	SOIL	BROOKLYN, NY	09/29/15 10:20	09/29/15
L1524249-30	SB-5 (1-2)G	SOIL	BROOKLYN, NY	09/29/15 10:21	09/29/15
L1524249-31	SB-5 (4-6)	SOIL	BROOKLYN, NY	09/29/15 10:30	09/29/15
L1524249-32	SB-5 (5-6)G	SOIL	BROOKLYN, NY	09/29/15 10:31	09/29/15
L1524249-33	TB20150929	WATER	BROOKLYN, NY	09/29/15 00:00	09/29/15

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Case Narrative

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

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

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

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

HOLD POLICY

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

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

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Case Narrative (continued)

Report Submission

The requested analyses were confirmed with the client.

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

Volatile Organics

L1524249-08: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1524249-10: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

Pesticides

L1524249-15: The sample has elevated detection limits due to the dilution required by the sample matrix.

Metals

L1524249-01, -03, -05, -07, -09, -11, -13, -15, -17, -19, -21, -23, -29, and -31: The sample has elevated detection limits due to the dilution required by matrix interferences encountered during analysis.

The WG826342-2 LCS recovery, associated with L1524249-25 through -28, is above the acceptance criteria for cadmium (123%); however, the associated samples are non-detect for this target analyte. The results of the original analysis are reported.

The WG825847-4 MS recovery for mercury (132%), performed on L1524249-01, does not apply because the sample concentration is greater than four times the spike amount added.

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

Authorized Signature:

 Cristin Walker

Title: Technical Director/Representative

Date: 10/07/15

ORGANICS

VOLATILES

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-02
Client ID: SB-1 (1-2)G
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/04/15 17:57
Analyst: BN
Percent Solids: 84%

Date Collected: 09/28/15 10:10
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	4.9		ug/kg	1.9	0.48	1
Carbon tetrachloride	0.97	J	ug/kg	1.3	0.27	1
1,2-Dichloropropane	ND		ug/kg	4.5	0.29	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.39	1
Tetrachloroethene	0.85	J	ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.45	1
Trichlorofluoromethane	ND		ug/kg	6.4	0.50	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.14	1
Bromodichloromethane	ND		ug/kg	1.3	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.4	0.18	1
Bromoform	ND		ug/kg	5.2	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	ND		ug/kg	1.3	0.15	1
Toluene	ND		ug/kg	1.9	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.16	1
Chloromethane	ND		ug/kg	6.4	0.38	1
Bromomethane	ND		ug/kg	2.6	0.44	1
Vinyl chloride	ND		ug/kg	2.6	0.15	1
Chloroethane	ND		ug/kg	2.6	0.41	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.27	1
Trichloroethene	0.80	J	ug/kg	1.3	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.4	0.20	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-02
 Client ID: SB-1 (1-2)G
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 10:10
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.4	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.11	1
p/m-Xylene	ND		ug/kg	2.6	0.26	1
o-Xylene	ND		ug/kg	2.6	0.22	1
Xylenes, Total	ND		ug/kg	2.6	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	13	0.21	1
Styrene	ND		ug/kg	2.6	0.52	1
Dichlorodifluoromethane	ND		ug/kg	13	0.25	1
Acetone	ND		ug/kg	13	1.3	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.35	1
Vinyl acetate	ND		ug/kg	13	0.17	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.31	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.21	1
2-Hexanone	ND		ug/kg	13	0.86	1
Bromochloromethane	ND		ug/kg	6.4	0.36	1
2,2-Dichloropropane	ND		ug/kg	6.4	0.29	1
1,2-Dibromoethane	ND		ug/kg	5.2	0.22	1
1,3-Dichloropropane	ND		ug/kg	6.4	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.41	1
Bromobenzene	ND		ug/kg	6.4	0.27	1
n-Butylbenzene	ND		ug/kg	1.3	0.15	1
sec-Butylbenzene	ND		ug/kg	1.3	0.16	1
tert-Butylbenzene	ND		ug/kg	6.4	0.17	1
o-Chlorotoluene	ND		ug/kg	6.4	0.21	1
p-Chlorotoluene	ND		ug/kg	6.4	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	0.51	1
Hexachlorobutadiene	ND		ug/kg	6.4	0.29	1
Isopropylbenzene	ND		ug/kg	1.3	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.16	1
Naphthalene	ND		ug/kg	6.4	0.18	1
Acrylonitrile	ND		ug/kg	13	0.66	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.4	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.4	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.4	0.18	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-02
 Client ID: SB-1 (1-2)G
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 10:10
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.4	0.18	1
1,4-Dioxane	ND		ug/kg	130	18.	1
p-Diethylbenzene	ND		ug/kg	5.2	0.21	1
p-Ethyltoluene	ND		ug/kg	5.2	0.16	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.2	0.17	1
Ethyl ether	ND		ug/kg	6.4	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	100		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-04
Client ID: SB-1 (4-6)G
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/04/15 18:24
Analyst: BN
Percent Solids: 81%

Date Collected: 09/28/15 10:20
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.12	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	ND		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	6.8	0.53	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.8	0.19	1
Bromoform	ND		ug/kg	5.5	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.4	0.17	1
Chloromethane	ND		ug/kg	6.8	0.40	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.29	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.8	0.21	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-04
 Client ID: SB-1 (4-6)G
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 10:20
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.8	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.8	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.12	1
p/m-Xylene	ND		ug/kg	2.7	0.27	1
o-Xylene	ND		ug/kg	2.7	0.23	1
Xylenes, Total	ND		ug/kg	2.7	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	14	0.22	1
Styrene	ND		ug/kg	2.7	0.55	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	26		ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	6.3	J	ug/kg	14	0.37	1
Vinyl acetate	ND		ug/kg	14	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.33	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.22	1
2-Hexanone	ND		ug/kg	14	0.91	1
Bromochloromethane	ND		ug/kg	6.8	0.38	1
2,2-Dichloropropane	ND		ug/kg	6.8	0.31	1
1,2-Dibromoethane	ND		ug/kg	5.5	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.8	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.43	1
Bromobenzene	ND		ug/kg	6.8	0.28	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.17	1
tert-Butylbenzene	ND		ug/kg	6.8	0.18	1
o-Chlorotoluene	ND		ug/kg	6.8	0.22	1
p-Chlorotoluene	ND		ug/kg	6.8	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	0.54	1
Hexachlorobutadiene	ND		ug/kg	6.8	0.31	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.17	1
Naphthalene	ND		ug/kg	6.8	0.19	1
Acrylonitrile	ND		ug/kg	14	0.70	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.8	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.8	0.20	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-04
Client ID: SB-1 (4-6)G
Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 10:20
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.8	0.19	1
1,4-Dioxane	ND		ug/kg	140	20.	1
p-Diethylbenzene	ND		ug/kg	5.5	0.22	1
p-Ethyltoluene	ND		ug/kg	5.5	0.17	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.5	0.18	1
Ethyl ether	ND		ug/kg	6.8	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	0.54	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-06
Client ID: SB-6 (1-2)G
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/04/15 18:50
Analyst: BN
Percent Solids: 70%

Date Collected: 09/28/15 11:15
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	19	2.1	1
1,1-Dichloroethane	ND		ug/kg	2.8	0.16	1
Chloroform	ND		ug/kg	2.8	0.70	1
Carbon tetrachloride	ND		ug/kg	1.9	0.40	1
1,2-Dichloropropane	ND		ug/kg	6.6	0.43	1
Dibromochloromethane	ND		ug/kg	1.9	0.29	1
1,1,2-Trichloroethane	ND		ug/kg	2.8	0.57	1
Tetrachloroethene	5.2		ug/kg	1.9	0.26	1
Chlorobenzene	ND		ug/kg	1.9	0.66	1
Trichlorofluoromethane	ND		ug/kg	9.4	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.9	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	1.9	0.21	1
Bromodichloromethane	ND		ug/kg	1.9	0.33	1
trans-1,3-Dichloropropene	ND		ug/kg	1.9	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	1.9	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	1.9	0.22	1
1,1-Dichloropropene	ND		ug/kg	9.4	0.27	1
Bromoform	ND		ug/kg	7.5	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.9	0.19	1
Benzene	ND		ug/kg	1.9	0.22	1
Toluene	ND		ug/kg	2.8	0.37	1
Ethylbenzene	ND		ug/kg	1.9	0.24	1
Chloromethane	ND		ug/kg	9.4	0.55	1
Bromomethane	ND		ug/kg	3.8	0.64	1
Vinyl chloride	ND		ug/kg	3.8	0.22	1
Chloroethane	ND		ug/kg	3.8	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.9	0.49	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	0.40	1
Trichloroethene	2.4		ug/kg	1.9	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	9.4	0.29	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-06
 Client ID: SB-6 (1-2)G
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 11:15
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	9.4	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	9.4	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.8	0.16	1
p/m-Xylene	ND		ug/kg	3.8	0.37	1
o-Xylene	ND		ug/kg	3.8	0.32	1
Xylenes, Total	ND		ug/kg	3.8	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.9	0.27	1
1,2-Dichloroethene, Total	ND		ug/kg	1.9	0.27	1
Dibromomethane	ND		ug/kg	19	0.31	1
Styrene	ND		ug/kg	3.8	0.76	1
Dichlorodifluoromethane	ND		ug/kg	19	0.36	1
Acetone	19		ug/kg	19	2.0	1
Carbon disulfide	ND		ug/kg	19	2.1	1
2-Butanone	ND		ug/kg	19	0.51	1
Vinyl acetate	ND		ug/kg	19	0.25	1
4-Methyl-2-pentanone	ND		ug/kg	19	0.46	1
1,2,3-Trichloropropane	ND		ug/kg	19	0.31	1
2-Hexanone	ND		ug/kg	19	1.2	1
Bromochloromethane	ND		ug/kg	9.4	0.52	1
2,2-Dichloropropane	ND		ug/kg	9.4	0.43	1
1,2-Dibromoethane	ND		ug/kg	7.5	0.33	1
1,3-Dichloropropane	ND		ug/kg	9.4	0.27	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.9	0.60	1
Bromobenzene	ND		ug/kg	9.4	0.39	1
n-Butylbenzene	ND		ug/kg	1.9	0.22	1
sec-Butylbenzene	ND		ug/kg	1.9	0.23	1
tert-Butylbenzene	ND		ug/kg	9.4	0.26	1
o-Chlorotoluene	ND		ug/kg	9.4	0.30	1
p-Chlorotoluene	ND		ug/kg	9.4	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.4	0.75	1
Hexachlorobutadiene	ND		ug/kg	9.4	0.43	1
Isopropylbenzene	ND		ug/kg	1.9	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.9	0.24	1
Naphthalene	ND		ug/kg	9.4	0.26	1
Acrylonitrile	ND		ug/kg	19	0.97	1
n-Propylbenzene	ND		ug/kg	1.9	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.4	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.4	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	9.4	0.27	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-06
Client ID: SB-6 (1-2)G
Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 11:15
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	9.4	0.27	1
1,4-Dioxane	ND		ug/kg	190	27.	1
p-Diethylbenzene	ND		ug/kg	7.5	0.30	1
p-Ethyltoluene	ND		ug/kg	7.5	0.23	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	7.5	0.24	1
Ethyl ether	ND		ug/kg	9.4	0.49	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.4	0.74	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	97		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-08 D
 Client ID: SB-6 (5-6)G
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/04/15 13:07
 Analyst: BN
 Percent Solids: 80%

Date Collected: 09/28/15 11:20
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	4200	470	5
1,1-Dichloroethane	ND		ug/kg	630	36.	5
Chloroform	ND		ug/kg	630	160	5
Carbon tetrachloride	ND		ug/kg	420	89.	5
1,2-Dichloropropane	ND		ug/kg	1500	96.	5
Dibromochloromethane	ND		ug/kg	420	65.	5
1,1,2-Trichloroethane	ND		ug/kg	630	130	5
Tetrachloroethene	ND		ug/kg	420	59.	5
Chlorobenzene	ND		ug/kg	420	150	5
Trichlorofluoromethane	ND		ug/kg	2100	160	5
1,2-Dichloroethane	ND		ug/kg	420	48.	5
1,1,1-Trichloroethane	ND		ug/kg	420	47.	5
Bromodichloromethane	ND		ug/kg	420	73.	5
trans-1,3-Dichloropropene	ND		ug/kg	420	51.	5
cis-1,3-Dichloropropene	ND		ug/kg	420	50.	5
1,3-Dichloropropene, Total	ND		ug/kg	420	50.	5
1,1-Dichloropropene	ND		ug/kg	2100	60.	5
Bromoform	ND		ug/kg	1700	100	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	420	42.	5
Benzene	ND		ug/kg	420	50.	5
Toluene	ND		ug/kg	630	82.	5
Ethylbenzene	ND		ug/kg	420	54.	5
Chloromethane	ND		ug/kg	2100	120	5
Bromomethane	ND		ug/kg	840	140	5
Vinyl chloride	ND		ug/kg	840	50.	5
Chloroethane	ND		ug/kg	840	130	5
1,1-Dichloroethene	ND		ug/kg	420	110	5
trans-1,2-Dichloroethene	ND		ug/kg	630	90.	5
Trichloroethene	ND		ug/kg	420	53.	5
1,2-Dichlorobenzene	ND		ug/kg	2100	65.	5

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-08 D

Date Collected: 09/28/15 11:20

Client ID: SB-6 (5-6)G

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2100	57.	5
1,4-Dichlorobenzene	ND		ug/kg	2100	58.	5
Methyl tert butyl ether	ND		ug/kg	840	36.	5
p/m-Xylene	ND		ug/kg	840	84.	5
o-Xylene	ND		ug/kg	840	72.	5
Xylenes, Total	ND		ug/kg	840	72.	5
cis-1,2-Dichloroethene	ND		ug/kg	420	60.	5
1,2-Dichloroethene, Total	ND		ug/kg	420	60.	5
Dibromomethane	ND		ug/kg	4200	69.	5
Styrene	ND		ug/kg	840	170	5
Dichlorodifluoromethane	ND		ug/kg	4200	81.	5
Acetone	ND		ug/kg	4200	440	5
Carbon disulfide	ND		ug/kg	4200	460	5
2-Butanone	ND		ug/kg	4200	110	5
Vinyl acetate	ND		ug/kg	4200	56.	5
4-Methyl-2-pentanone	ND		ug/kg	4200	100	5
1,2,3-Trichloropropane	ND		ug/kg	4200	69.	5
2-Hexanone	ND		ug/kg	4200	280	5
Bromochloromethane	ND		ug/kg	2100	120	5
2,2-Dichloropropane	ND		ug/kg	2100	95.	5
1,2-Dibromoethane	ND		ug/kg	1700	74.	5
1,3-Dichloropropane	ND		ug/kg	2100	61.	5
1,1,1,2-Tetrachloroethane	ND		ug/kg	420	130	5
Bromobenzene	ND		ug/kg	2100	88.	5
n-Butylbenzene	ND		ug/kg	420	48.	5
sec-Butylbenzene	ND		ug/kg	420	52.	5
tert-Butylbenzene	ND		ug/kg	2100	57.	5
o-Chlorotoluene	ND		ug/kg	2100	68.	5
p-Chlorotoluene	ND		ug/kg	2100	56.	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	2100	170	5
Hexachlorobutadiene	ND		ug/kg	2100	96.	5
Isopropylbenzene	ND		ug/kg	420	44.	5
p-Isopropyltoluene	ND		ug/kg	420	53.	5
Naphthalene	ND		ug/kg	2100	58.	5
Acrylonitrile	ND		ug/kg	4200	220	5
n-Propylbenzene	ND		ug/kg	420	46.	5
1,2,3-Trichlorobenzene	ND		ug/kg	2100	62.	5
1,2,4-Trichlorobenzene	ND		ug/kg	2100	77.	5
1,3,5-Trimethylbenzene	ND		ug/kg	2100	60.	5

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-08 D
 Client ID: SB-6 (5-6)G
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 11:20
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	2100	60.	5
1,4-Dioxane	ND		ug/kg	42000	6100	5
p-Diethylbenzene	ND		ug/kg	1700	68.	5
p-Ethyltoluene	ND		ug/kg	1700	52.	5
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1700	55.	5
Ethyl ether	ND		ug/kg	2100	110	5
trans-1,4-Dichloro-2-butene	ND		ug/kg	2100	160	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	106		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-10
Client ID: SB-7 (3-4)G
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/04/15 13:33
Analyst: BN
Percent Solids: 79%

Date Collected: 09/28/15 12:15
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	820	91.	1
1,1-Dichloroethane	ND		ug/kg	120	7.0	1
Chloroform	ND		ug/kg	120	30.	1
Carbon tetrachloride	ND		ug/kg	82	17.	1
1,2-Dichloropropane	ND		ug/kg	290	19.	1
Dibromochloromethane	ND		ug/kg	82	13.	1
1,1,2-Trichloroethane	ND		ug/kg	120	25.	1
Tetrachloroethene	ND		ug/kg	82	12.	1
Chlorobenzene	ND		ug/kg	82	29.	1
Trichlorofluoromethane	ND		ug/kg	410	32.	1
1,2-Dichloroethane	ND		ug/kg	82	9.3	1
1,1,1-Trichloroethane	ND		ug/kg	82	9.1	1
Bromodichloromethane	ND		ug/kg	82	14.	1
trans-1,3-Dichloropropene	ND		ug/kg	82	10.	1
cis-1,3-Dichloropropene	ND		ug/kg	82	9.7	1
1,3-Dichloropropene, Total	ND		ug/kg	82	9.7	1
1,1-Dichloropropene	ND		ug/kg	410	12.	1
Bromoform	ND		ug/kg	330	19.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	82	8.3	1
Benzene	ND		ug/kg	82	9.7	1
Toluene	ND		ug/kg	120	16.	1
Ethylbenzene	ND		ug/kg	82	10.	1
Chloromethane	ND		ug/kg	410	24.	1
Bromomethane	ND		ug/kg	160	28.	1
Vinyl chloride	ND		ug/kg	160	9.7	1
Chloroethane	ND		ug/kg	160	26.	1
1,1-Dichloroethene	ND		ug/kg	82	22.	1
trans-1,2-Dichloroethene	ND		ug/kg	120	17.	1
Trichloroethene	ND		ug/kg	82	10.	1
1,2-Dichlorobenzene	ND		ug/kg	410	13.	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-10
 Client ID: SB-7 (3-4)G
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 12:15
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	410	11.	1
1,4-Dichlorobenzene	ND		ug/kg	410	11.	1
Methyl tert butyl ether	ND		ug/kg	160	7.0	1
p/m-Xylene	ND		ug/kg	160	16.	1
o-Xylene	ND		ug/kg	160	14.	1
Xylenes, Total	ND		ug/kg	160	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	82	12.	1
1,2-Dichloroethene, Total	ND		ug/kg	82	12.	1
Dibromomethane	ND		ug/kg	820	13.	1
Styrene	ND		ug/kg	160	33.	1
Dichlorodifluoromethane	ND		ug/kg	820	16.	1
Acetone	ND		ug/kg	820	85.	1
Carbon disulfide	ND		ug/kg	820	91.	1
2-Butanone	ND		ug/kg	820	22.	1
Vinyl acetate	ND		ug/kg	820	11.	1
4-Methyl-2-pentanone	ND		ug/kg	820	20.	1
1,2,3-Trichloropropane	ND		ug/kg	820	13.	1
2-Hexanone	ND		ug/kg	820	55.	1
Bromochloromethane	ND		ug/kg	410	23.	1
2,2-Dichloropropane	ND		ug/kg	410	19.	1
1,2-Dibromoethane	ND		ug/kg	330	14.	1
1,3-Dichloropropane	ND		ug/kg	410	12.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	82	26.	1
Bromobenzene	ND		ug/kg	410	17.	1
n-Butylbenzene	ND		ug/kg	82	9.5	1
sec-Butylbenzene	ND		ug/kg	82	10.	1
tert-Butylbenzene	ND		ug/kg	410	11.	1
o-Chlorotoluene	ND		ug/kg	410	13.	1
p-Chlorotoluene	ND		ug/kg	410	11.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	410	33.	1
Hexachlorobutadiene	ND		ug/kg	410	19.	1
Isopropylbenzene	ND		ug/kg	82	8.6	1
p-Isopropyltoluene	ND		ug/kg	82	10.	1
Naphthalene	50	J	ug/kg	410	11.	1
Acrylonitrile	ND		ug/kg	820	42.	1
n-Propylbenzene	ND		ug/kg	82	9.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	410	12.	1
1,2,4-Trichlorobenzene	ND		ug/kg	410	15.	1
1,3,5-Trimethylbenzene	ND		ug/kg	410	12.	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-10
Client ID: SB-7 (3-4)G
Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 12:15
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	410	12.	1
1,4-Dioxane	ND		ug/kg	8200	1200	1
p-Diethylbenzene	ND		ug/kg	330	13.	1
p-Ethyltoluene	ND		ug/kg	330	10.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	330	11.	1
Ethyl ether	ND		ug/kg	410	21.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	410	32.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	106		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-12
Client ID: SB-7 (9-10)G
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/04/15 19:17
Analyst: BN
Percent Solids: 70%

Date Collected: 09/28/15 12:25
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.51	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.42	1
Tetrachloroethene	ND		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	6.9	0.54	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.9	0.20	1
Bromoform	ND		ug/kg	5.5	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	6.9	0.41	1
Bromomethane	ND		ug/kg	2.8	0.47	1
Vinyl chloride	ND		ug/kg	2.8	0.16	1
Chloroethane	ND		ug/kg	2.8	0.44	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.29	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.9	0.21	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-12
 Client ID: SB-7 (9-10)G
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 12:25
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.9	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	6.9	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.12	1
p/m-Xylene	ND		ug/kg	2.8	0.27	1
o-Xylene	ND		ug/kg	2.8	0.24	1
Xylenes, Total	ND		ug/kg	2.8	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	14	0.23	1
Styrene	ND		ug/kg	2.8	0.56	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	28		ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	6.5	J	ug/kg	14	0.38	1
Vinyl acetate	ND		ug/kg	14	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.22	1
2-Hexanone	ND		ug/kg	14	0.92	1
Bromochloromethane	ND		ug/kg	6.9	0.38	1
2,2-Dichloropropane	ND		ug/kg	6.9	0.31	1
1,2-Dibromoethane	ND		ug/kg	5.5	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.9	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.44	1
Bromobenzene	ND		ug/kg	6.9	0.29	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.17	1
tert-Butylbenzene	ND		ug/kg	6.9	0.19	1
o-Chlorotoluene	ND		ug/kg	6.9	0.22	1
p-Chlorotoluene	ND		ug/kg	6.9	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.9	0.55	1
Hexachlorobutadiene	ND		ug/kg	6.9	0.31	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.17	1
Naphthalene	ND		ug/kg	6.9	0.19	1
Acrylonitrile	ND		ug/kg	14	0.71	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.9	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.9	0.20	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-12
Client ID: SB-7 (9-10)G
Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 12:25
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.9	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
p-Diethylbenzene	ND		ug/kg	5.5	0.22	1
p-Ethyltoluene	ND		ug/kg	5.5	0.17	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.5	0.18	1
Ethyl ether	ND		ug/kg	6.9	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.9	0.54	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-14
Client ID: SB-8 (1-2)G
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/04/15 19:43
Analyst: BN
Percent Solids: 84%

Date Collected: 09/28/15 12:45
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	1.8	J	ug/kg	1.9	0.48	1
Carbon tetrachloride	ND		ug/kg	1.3	0.27	1
1,2-Dichloropropane	ND		ug/kg	4.5	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.39	1
Tetrachloroethene	ND		ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.45	1
Trichlorofluoromethane	ND		ug/kg	6.5	0.50	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.14	1
Bromodichloromethane	ND		ug/kg	1.3	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.5	0.18	1
Bromoform	ND		ug/kg	5.2	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	ND		ug/kg	1.3	0.15	1
Toluene	ND		ug/kg	1.9	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.16	1
Chloromethane	ND		ug/kg	6.5	0.38	1
Bromomethane	ND		ug/kg	2.6	0.44	1
Vinyl chloride	ND		ug/kg	2.6	0.15	1
Chloroethane	ND		ug/kg	2.6	0.41	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.5	0.20	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-14
 Client ID: SB-8 (1-2)G
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 12:45
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.5	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.11	1
p/m-Xylene	ND		ug/kg	2.6	0.26	1
o-Xylene	ND		ug/kg	2.6	0.22	1
Xylenes, Total	ND		ug/kg	2.6	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	13	0.21	1
Styrene	ND		ug/kg	2.6	0.52	1
Dichlorodifluoromethane	ND		ug/kg	13	0.25	1
Acetone	ND		ug/kg	13	1.3	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.35	1
Vinyl acetate	ND		ug/kg	13	0.17	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.21	1
2-Hexanone	ND		ug/kg	13	0.86	1
Bromochloromethane	ND		ug/kg	6.5	0.36	1
2,2-Dichloropropane	ND		ug/kg	6.5	0.29	1
1,2-Dibromoethane	ND		ug/kg	5.2	0.23	1
1,3-Dichloropropane	ND		ug/kg	6.5	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.41	1
Bromobenzene	ND		ug/kg	6.5	0.27	1
n-Butylbenzene	ND		ug/kg	1.3	0.15	1
sec-Butylbenzene	ND		ug/kg	1.3	0.16	1
tert-Butylbenzene	ND		ug/kg	6.5	0.18	1
o-Chlorotoluene	ND		ug/kg	6.5	0.21	1
p-Chlorotoluene	ND		ug/kg	6.5	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.5	0.51	1
Hexachlorobutadiene	ND		ug/kg	6.5	0.30	1
Isopropylbenzene	ND		ug/kg	1.3	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.16	1
Naphthalene	ND		ug/kg	6.5	0.18	1
Acrylonitrile	ND		ug/kg	13	0.67	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.5	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.5	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.5	0.19	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-14
Client ID: SB-8 (1-2)G
Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 12:45
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.5	0.18	1
1,4-Dioxane	ND		ug/kg	130	19.	1
p-Diethylbenzene	ND		ug/kg	5.2	0.21	1
p-Ethyltoluene	ND		ug/kg	5.2	0.16	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.2	0.17	1
Ethyl ether	ND		ug/kg	6.5	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-16
Client ID: SB-8 (5-6)G
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/05/15 09:34
Analyst: BN
Percent Solids: 78%

Date Collected: 09/28/15 12:50
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	17	1.9	1
1,1-Dichloroethane	ND		ug/kg	2.5	0.14	1
Chloroform	ND		ug/kg	2.5	0.63	1
Carbon tetrachloride	ND		ug/kg	1.7	0.36	1
1,2-Dichloropropane	ND		ug/kg	5.9	0.39	1
Dibromochloromethane	ND		ug/kg	1.7	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	2.5	0.52	1
Tetrachloroethene	ND		ug/kg	1.7	0.24	1
Chlorobenzene	ND		ug/kg	1.7	0.59	1
Trichlorofluoromethane	ND		ug/kg	8.5	0.66	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	1.7	0.19	1
Bromodichloromethane	ND		ug/kg	1.7	0.29	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	1.7	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	1.7	0.20	1
1,1-Dichloropropene	ND		ug/kg	8.5	0.24	1
Bromoform	ND		ug/kg	6.8	0.40	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.7	0.17	1
Benzene	ND		ug/kg	1.7	0.20	1
Toluene	ND		ug/kg	2.5	0.33	1
Ethylbenzene	ND		ug/kg	1.7	0.22	1
Chloromethane	ND		ug/kg	8.5	0.50	1
Bromomethane	ND		ug/kg	3.4	0.57	1
Vinyl chloride	ND		ug/kg	3.4	0.20	1
Chloroethane	ND		ug/kg	3.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.44	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.36	1
Trichloroethene	ND		ug/kg	1.7	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	8.5	0.26	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-16
 Client ID: SB-8 (5-6)G
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 12:50
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	8.5	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	8.5	0.23	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.14	1
p/m-Xylene	ND		ug/kg	3.4	0.34	1
o-Xylene	ND		ug/kg	3.4	0.29	1
Xylenes, Total	ND		ug/kg	3.4	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.24	1
Dibromomethane	ND		ug/kg	17	0.28	1
Styrene	ND		ug/kg	3.4	0.68	1
Dichlorodifluoromethane	ND		ug/kg	17	0.32	1
Acetone	65		ug/kg	17	1.8	1
Carbon disulfide	ND		ug/kg	17	1.9	1
2-Butanone	13	J	ug/kg	17	0.46	1
Vinyl acetate	ND		ug/kg	17	0.22	1
4-Methyl-2-pentanone	ND		ug/kg	17	0.41	1
1,2,3-Trichloropropane	ND		ug/kg	17	0.28	1
2-Hexanone	ND		ug/kg	17	1.1	1
Bromochloromethane	ND		ug/kg	8.5	0.47	1
2,2-Dichloropropane	ND		ug/kg	8.5	0.38	1
1,2-Dibromoethane	ND		ug/kg	6.8	0.30	1
1,3-Dichloropropane	ND		ug/kg	8.5	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.7	0.54	1
Bromobenzene	ND		ug/kg	8.5	0.35	1
n-Butylbenzene	ND		ug/kg	1.7	0.19	1
sec-Butylbenzene	ND		ug/kg	1.7	0.21	1
tert-Butylbenzene	ND		ug/kg	8.5	0.23	1
o-Chlorotoluene	ND		ug/kg	8.5	0.27	1
p-Chlorotoluene	ND		ug/kg	8.5	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.5	0.67	1
Hexachlorobutadiene	ND		ug/kg	8.5	0.39	1
Isopropylbenzene	ND		ug/kg	1.7	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.21	1
Naphthalene	ND		ug/kg	8.5	0.23	1
Acrylonitrile	ND		ug/kg	17	0.87	1
n-Propylbenzene	ND		ug/kg	1.7	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.5	0.25	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.5	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	8.5	0.24	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-16
Client ID: SB-8 (5-6)G
Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 12:50
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	8.5	0.24	1
1,4-Dioxane	ND		ug/kg	170	24.	1
p-Diethylbenzene	ND		ug/kg	6.8	0.27	1
p-Ethyltoluene	ND		ug/kg	6.8	0.21	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.8	0.22	1
Ethyl ether	ND		ug/kg	8.5	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.5	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	96		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-18
Client ID: SB-2 (1-2)G
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/05/15 12:39
Analyst: BN
Percent Solids: 87%

Date Collected: 09/28/15 13:45
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.2	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.45	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.8	0.16	1
Bromoform	ND		ug/kg	4.6	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.8	0.34	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.14	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.2	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.18	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-18
 Client ID: SB-2 (1-2)G
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 13:45
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	ND		ug/kg	2.3	0.23	1
o-Xylene	ND		ug/kg	2.3	0.20	1
Xylenes, Total	ND		ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	12	0.19	1
Styrene	ND		ug/kg	2.3	0.46	1
Dichlorodifluoromethane	ND		ug/kg	12	0.22	1
Acetone	4.1	J	ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	1.0	J	ug/kg	12	0.31	1
Vinyl acetate	ND		ug/kg	12	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.19	1
2-Hexanone	ND		ug/kg	12	0.77	1
Bromochloromethane	ND		ug/kg	5.8	0.32	1
2,2-Dichloropropane	ND		ug/kg	5.8	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.8	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.36	1
Bromobenzene	ND		ug/kg	5.8	0.24	1
n-Butylbenzene	ND		ug/kg	1.2	0.13	1
sec-Butylbenzene	ND		ug/kg	1.2	0.14	1
tert-Butylbenzene	ND		ug/kg	5.8	0.16	1
o-Chlorotoluene	ND		ug/kg	5.8	0.18	1
p-Chlorotoluene	ND		ug/kg	5.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.46	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.26	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.8	0.16	1
Acrylonitrile	ND		ug/kg	12	0.59	1
n-Propylbenzene	ND		ug/kg	1.2	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	0.16	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-18
Client ID: SB-2 (1-2)G
Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 13:45
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.8	0.16	1
1,4-Dioxane	ND		ug/kg	120	16.	1
p-Diethylbenzene	ND		ug/kg	4.6	0.18	1
p-Ethyltoluene	ND		ug/kg	4.6	0.14	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.15	1
Ethyl ether	ND		ug/kg	5.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	0.45	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-20
Client ID: SB-2 (5-6)G
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/05/15 13:06
Analyst: BN
Percent Solids: 79%

Date Collected: 09/28/15 13:20
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	17	1.8	1
1,1-Dichloroethane	ND		ug/kg	2.5	0.14	1
Chloroform	ND		ug/kg	2.5	0.62	1
Carbon tetrachloride	ND		ug/kg	1.7	0.35	1
1,2-Dichloropropane	ND		ug/kg	5.8	0.38	1
Dibromochloromethane	ND		ug/kg	1.7	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	2.5	0.51	1
Tetrachloroethene	ND		ug/kg	1.7	0.23	1
Chlorobenzene	ND		ug/kg	1.7	0.58	1
Trichlorofluoromethane	ND		ug/kg	8.4	0.65	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	1.7	0.18	1
Bromodichloromethane	ND		ug/kg	1.7	0.29	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	1.7	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	1.7	0.20	1
1,1-Dichloropropene	ND		ug/kg	8.4	0.24	1
Bromoform	ND		ug/kg	6.7	0.40	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.7	0.17	1
Benzene	ND		ug/kg	1.7	0.20	1
Toluene	ND		ug/kg	2.5	0.33	1
Ethylbenzene	ND		ug/kg	1.7	0.21	1
Chloromethane	ND		ug/kg	8.4	0.49	1
Bromomethane	ND		ug/kg	3.3	0.56	1
Vinyl chloride	ND		ug/kg	3.3	0.20	1
Chloroethane	ND		ug/kg	3.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.44	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.35	1
Trichloroethene	ND		ug/kg	1.7	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	8.4	0.26	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-20
 Client ID: SB-2 (5-6)G
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 13:20
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	8.4	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	8.4	0.23	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.14	1
p/m-Xylene	ND		ug/kg	3.3	0.33	1
o-Xylene	ND		ug/kg	3.3	0.29	1
Xylenes, Total	ND		ug/kg	3.3	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.24	1
Dibromomethane	ND		ug/kg	17	0.27	1
Styrene	ND		ug/kg	3.3	0.67	1
Dichlorodifluoromethane	ND		ug/kg	17	0.32	1
Acetone	6.5	J	ug/kg	17	1.7	1
Carbon disulfide	ND		ug/kg	17	1.8	1
2-Butanone	1.4	J	ug/kg	17	0.46	1
Vinyl acetate	ND		ug/kg	17	0.22	1
4-Methyl-2-pentanone	ND		ug/kg	17	0.41	1
1,2,3-Trichloropropane	ND		ug/kg	17	0.27	1
2-Hexanone	ND		ug/kg	17	1.1	1
Bromochloromethane	ND		ug/kg	8.4	0.46	1
2,2-Dichloropropane	ND		ug/kg	8.4	0.38	1
1,2-Dibromoethane	ND		ug/kg	6.7	0.29	1
1,3-Dichloropropane	ND		ug/kg	8.4	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.7	0.53	1
Bromobenzene	ND		ug/kg	8.4	0.35	1
n-Butylbenzene	ND		ug/kg	1.7	0.19	1
sec-Butylbenzene	ND		ug/kg	1.7	0.20	1
tert-Butylbenzene	ND		ug/kg	8.4	0.23	1
o-Chlorotoluene	ND		ug/kg	8.4	0.27	1
p-Chlorotoluene	ND		ug/kg	8.4	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.4	0.66	1
Hexachlorobutadiene	ND		ug/kg	8.4	0.38	1
Isopropylbenzene	ND		ug/kg	1.7	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.21	1
Naphthalene	ND		ug/kg	8.4	0.23	1
Acrylonitrile	ND		ug/kg	17	0.86	1
n-Propylbenzene	ND		ug/kg	1.7	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.4	0.25	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.4	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	8.4	0.24	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-20
Client ID: SB-2 (5-6)G
Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 13:20
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	8.4	0.24	1
1,4-Dioxane	ND		ug/kg	170	24.	1
p-Diethylbenzene	ND		ug/kg	6.7	0.27	1
p-Ethyltoluene	ND		ug/kg	6.7	0.21	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.7	0.22	1
Ethyl ether	ND		ug/kg	8.4	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-22
Client ID: SB-3 (1-2)G
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/05/15 13:32
Analyst: BN
Percent Solids: 82%

Date Collected: 09/28/15 14:40
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.47	1
Carbon tetrachloride	ND		ug/kg	1.3	0.27	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.29	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.39	1
Tetrachloroethene	1.0	J	ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.44	1
Trichlorofluoromethane	ND		ug/kg	6.4	0.49	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.14	1
Bromodichloromethane	ND		ug/kg	1.3	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.4	0.18	1
Bromoform	ND		ug/kg	5.1	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	ND		ug/kg	1.3	0.15	1
Toluene	ND		ug/kg	1.9	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.16	1
Chloromethane	ND		ug/kg	6.4	0.37	1
Bromomethane	ND		ug/kg	2.5	0.43	1
Vinyl chloride	ND		ug/kg	2.5	0.15	1
Chloroethane	ND		ug/kg	2.5	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.27	1
Trichloroethene	ND		ug/kg	1.3	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.4	0.19	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-22
 Client ID: SB-3 (1-2)G
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 14:40
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.4	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.11	1
p/m-Xylene	ND		ug/kg	2.5	0.25	1
o-Xylene	ND		ug/kg	2.5	0.22	1
Xylenes, Total	ND		ug/kg	2.5	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	13	0.21	1
Styrene	ND		ug/kg	2.5	0.51	1
Dichlorodifluoromethane	ND		ug/kg	13	0.24	1
Acetone	3.5	J	ug/kg	13	1.3	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.34	1
Vinyl acetate	ND		ug/kg	13	0.17	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.31	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.21	1
2-Hexanone	ND		ug/kg	13	0.85	1
Bromochloromethane	ND		ug/kg	6.4	0.35	1
2,2-Dichloropropane	ND		ug/kg	6.4	0.29	1
1,2-Dibromoethane	ND		ug/kg	5.1	0.22	1
1,3-Dichloropropane	ND		ug/kg	6.4	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.40	1
Bromobenzene	ND		ug/kg	6.4	0.26	1
n-Butylbenzene	ND		ug/kg	1.3	0.14	1
sec-Butylbenzene	ND		ug/kg	1.3	0.15	1
tert-Butylbenzene	ND		ug/kg	6.4	0.17	1
o-Chlorotoluene	ND		ug/kg	6.4	0.20	1
p-Chlorotoluene	ND		ug/kg	6.4	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	0.50	1
Hexachlorobutadiene	ND		ug/kg	6.4	0.29	1
Isopropylbenzene	ND		ug/kg	1.3	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.16	1
Naphthalene	ND		ug/kg	6.4	0.18	1
Acrylonitrile	ND		ug/kg	13	0.65	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.4	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.4	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.4	0.18	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-22
Client ID: SB-3 (1-2)G
Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 14:40
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.4	0.18	1
1,4-Dioxane	ND		ug/kg	130	18.	1
p-Diethylbenzene	ND		ug/kg	5.1	0.20	1
p-Ethyltoluene	ND		ug/kg	5.1	0.16	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.1	0.16	1
Ethyl ether	ND		ug/kg	6.4	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-24
Client ID: SB-3 (5-6)G
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/05/15 13:59
Analyst: BN
Percent Solids: 90%

Date Collected: 09/28/15 14:50
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	3.6		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	0.86	J	ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.0	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	5.8		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.14	1
1,1-Dichloropropene	ND		ug/kg	6.0	0.17	1
Bromoform	ND		ug/kg	4.8	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	6.0	0.35	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	0.18	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-24
 Client ID: SB-3 (5-6)G
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 14:50
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.0	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.24	1
o-Xylene	ND		ug/kg	2.4	0.21	1
Xylenes, Total	ND		ug/kg	2.4	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	12	0.20	1
Styrene	ND		ug/kg	2.4	0.48	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	3.9	J	ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.33	1
Vinyl acetate	ND		ug/kg	12	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.20	1
2-Hexanone	ND		ug/kg	12	0.80	1
Bromochloromethane	ND		ug/kg	6.0	0.33	1
2,2-Dichloropropane	ND		ug/kg	6.0	0.27	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.21	1
1,3-Dichloropropane	ND		ug/kg	6.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.38	1
Bromobenzene	ND		ug/kg	6.0	0.25	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.0	0.16	1
o-Chlorotoluene	ND		ug/kg	6.0	0.19	1
p-Chlorotoluene	ND		ug/kg	6.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.0	0.48	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.27	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.0	0.17	1
Acrylonitrile	ND		ug/kg	12	0.62	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.0	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.0	0.17	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-24
Client ID: SB-3 (5-6)G
Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 14:50
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.0	0.17	1
1,4-Dioxane	ND		ug/kg	120	17.	1
p-Diethylbenzene	ND		ug/kg	4.8	0.19	1
p-Ethyltoluene	ND		ug/kg	4.8	0.15	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.8	0.16	1
Ethyl ether	ND		ug/kg	6.0	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	0.47	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	98		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-25
Client ID: GW-2
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/06/15 03:23
Analyst: PK

Date Collected: 09/29/15 08:45
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-25
 Client ID: GW-2
 Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 08:45
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	3.1		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-25
Client ID: GW-2
Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 08:45
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	103		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-26
Client ID: GW-3
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/06/15 11:47
Analyst: PD

Date Collected: 09/29/15 11:30
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-26
 Client ID: GW-3
 Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 11:30
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	4.9		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-26
Client ID: GW-3
Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 11:30
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	94		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-27
Client ID: GW-5
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/06/15 04:19
Analyst: PK

Date Collected: 09/29/15 12:10
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-27
 Client ID: GW-5
 Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 12:10
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	48		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-27
Client ID: GW-5
Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 12:10
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	103		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-28
Client ID: GW-1
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/06/15 04:47
Analyst: PK

Date Collected: 09/29/15 12:50
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-28
 Client ID: GW-1
 Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 12:50
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	20		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-28
Client ID: GW-1
Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 12:50
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	104		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-30
Client ID: SB-5 (1-2)G
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/05/15 14:25
Analyst: BN
Percent Solids: 71%

Date Collected: 09/29/15 10:21
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	1.7	1
1,1-Dichloroethane	ND		ug/kg	2.4	0.13	1
Chloroform	ND		ug/kg	2.4	0.58	1
Carbon tetrachloride	ND		ug/kg	1.6	0.33	1
1,2-Dichloropropane	ND		ug/kg	5.5	0.36	1
Dibromochloromethane	ND		ug/kg	1.6	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.48	1
Tetrachloroethene	ND		ug/kg	1.6	0.22	1
Chlorobenzene	ND		ug/kg	1.6	0.55	1
Trichlorofluoromethane	ND		ug/kg	7.8	0.61	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.17	1
Bromodichloromethane	ND		ug/kg	1.6	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	1.6	0.18	1
1,1-Dichloropropene	ND		ug/kg	7.8	0.22	1
Bromoform	ND		ug/kg	6.3	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.16	1
Benzene	ND		ug/kg	1.6	0.18	1
Toluene	ND		ug/kg	2.4	0.30	1
Ethylbenzene	ND		ug/kg	1.6	0.20	1
Chloromethane	ND		ug/kg	7.8	0.46	1
Bromomethane	ND		ug/kg	3.1	0.53	1
Vinyl chloride	ND		ug/kg	3.1	0.18	1
Chloroethane	ND		ug/kg	3.1	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.41	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.33	1
Trichloroethene	ND		ug/kg	1.6	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	7.8	0.24	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-30
 Client ID: SB-5 (1-2)G
 Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 10:21
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	7.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	7.8	0.22	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.13	1
p/m-Xylene	ND		ug/kg	3.1	0.31	1
o-Xylene	ND		ug/kg	3.1	0.27	1
Xylenes, Total	ND		ug/kg	3.1	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	16	0.26	1
Styrene	ND		ug/kg	3.1	0.63	1
Dichlorodifluoromethane	ND		ug/kg	16	0.30	1
Acetone	2.9	J	ug/kg	16	1.6	1
Carbon disulfide	ND		ug/kg	16	1.7	1
2-Butanone	ND		ug/kg	16	0.43	1
Vinyl acetate	ND		ug/kg	16	0.21	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.38	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.26	1
2-Hexanone	ND		ug/kg	16	1.0	1
Bromochloromethane	ND		ug/kg	7.8	0.43	1
2,2-Dichloropropane	ND		ug/kg	7.8	0.35	1
1,2-Dibromoethane	ND		ug/kg	6.3	0.27	1
1,3-Dichloropropane	ND		ug/kg	7.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.50	1
Bromobenzene	ND		ug/kg	7.8	0.33	1
n-Butylbenzene	ND		ug/kg	1.6	0.18	1
sec-Butylbenzene	ND		ug/kg	1.6	0.19	1
tert-Butylbenzene	ND		ug/kg	7.8	0.21	1
o-Chlorotoluene	ND		ug/kg	7.8	0.25	1
p-Chlorotoluene	ND		ug/kg	7.8	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.8	0.62	1
Hexachlorobutadiene	ND		ug/kg	7.8	0.36	1
Isopropylbenzene	ND		ug/kg	1.6	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.20	1
Naphthalene	ND		ug/kg	7.8	0.22	1
Acrylonitrile	ND		ug/kg	16	0.81	1
n-Propylbenzene	ND		ug/kg	1.6	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.8	0.23	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.8	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.8	0.22	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-30
Client ID: SB-5 (1-2)G
Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 10:21
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	7.8	0.22	1
1,4-Dioxane	ND		ug/kg	160	23.	1
p-Diethylbenzene	ND		ug/kg	6.3	0.25	1
p-Ethyltoluene	ND		ug/kg	6.3	0.19	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.3	0.20	1
Ethyl ether	ND		ug/kg	7.8	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.8	0.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	98		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-32
Client ID: SB-5 (5-6)G
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/05/15 14:52
Analyst: BN
Percent Solids: 83%

Date Collected: 09/29/15 10:31
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.0	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.14	1
1,1-Dichloropropene	ND		ug/kg	6.0	0.17	1
Bromoform	ND		ug/kg	4.8	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	190		ug/kg	1.2	0.14	1
Toluene	18		ug/kg	1.8	0.23	1
Ethylbenzene	7.9		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	6.0	0.35	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	0.18	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-32
 Client ID: SB-5 (5-6)G
 Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 10:31
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.0	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	8.8		ug/kg	2.4	0.24	1
o-Xylene	6.8		ug/kg	2.4	0.21	1
Xylenes, Total	16		ug/kg	2.4	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	12	0.20	1
Styrene	ND		ug/kg	2.4	0.48	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	42		ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	10	J	ug/kg	12	0.33	1
Vinyl acetate	ND		ug/kg	12	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.20	1
2-Hexanone	ND		ug/kg	12	0.80	1
Bromochloromethane	ND		ug/kg	6.0	0.33	1
2,2-Dichloropropane	ND		ug/kg	6.0	0.27	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.21	1
1,3-Dichloropropane	ND		ug/kg	6.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.38	1
Bromobenzene	ND		ug/kg	6.0	0.25	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.0	0.16	1
o-Chlorotoluene	ND		ug/kg	6.0	0.19	1
p-Chlorotoluene	ND		ug/kg	6.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.0	0.48	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.27	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	0.86	J	ug/kg	1.2	0.15	1
Naphthalene	6.6		ug/kg	6.0	0.17	1
Acrylonitrile	ND		ug/kg	12	0.62	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.0	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.0	0.22	1
1,3,5-Trimethylbenzene	4.7	J	ug/kg	6.0	0.17	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-32
Client ID: SB-5 (5-6)G
Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 10:31
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	3.4	J	ug/kg	6.0	0.17	1
1,4-Dioxane	ND		ug/kg	120	17.	1
p-Diethylbenzene	2.4	J	ug/kg	4.8	0.19	1
p-Ethyltoluene	1.2	J	ug/kg	4.8	0.15	1
1,2,4,5-Tetramethylbenzene	0.38	J	ug/kg	4.8	0.16	1
Ethyl ether	ND		ug/kg	6.0	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	0.47	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	90		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-33
Client ID: TB20150929
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/05/15 18:51
Analyst: PD

Date Collected: 09/29/15 00:00
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-33

Date Collected: 09/29/15 00:00

Client ID: TB20150929

Date Received: 09/29/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-33
 Client ID: TB20150929
 Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 00:00
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	102		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/04/15 10:53
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06,12,14 Batch: WG827762-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	0.32	J	ug/kg	5.0	0.29
Bromomethane	0.89	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/04/15 10:53
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06,12,14 Batch: WG827762-3					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylenes, Total	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
o-Chlorotoluene	ND		ug/kg	5.0	0.16

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/04/15 10:53
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06,12,14 Batch: WG827762-3					
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,4-Dioxane	ND		ug/kg	100	14.
p-Diethylbenzene	ND		ug/kg	4.0	0.16
p-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	93		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/04/15 10:04
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08,10 Batch: WG827773-3					
Methylene chloride	ND		ug/kg	500	55.
1,1-Dichloroethane	ND		ug/kg	75	4.3
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	10.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	7.7
1,1,2-Trichloroethane	ND		ug/kg	75	15.
Tetrachloroethene	ND		ug/kg	50	7.0
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	19.
1,2-Dichloroethane	ND		ug/kg	50	5.7
1,1,1-Trichloroethane	ND		ug/kg	50	5.5
Bromodichloromethane	ND		ug/kg	50	8.7
trans-1,3-Dichloropropene	ND		ug/kg	50	6.0
cis-1,3-Dichloropropene	ND		ug/kg	50	5.9
1,3-Dichloropropene, Total	ND		ug/kg	50	5.9
1,1-Dichloropropene	ND		ug/kg	250	7.1
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	5.0
Benzene	ND		ug/kg	50	5.9
Toluene	ND		ug/kg	75	9.7
Ethylbenzene	ND		ug/kg	50	6.4
Chloromethane	ND		ug/kg	250	15.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.
Trichloroethene	ND		ug/kg	50	6.2

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/04/15 10:04
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08,10 Batch: WG827773-3					
1,2-Dichlorobenzene	ND		ug/kg	250	7.7
1,3-Dichlorobenzene	ND		ug/kg	250	6.8
1,4-Dichlorobenzene	ND		ug/kg	250	6.9
Methyl tert butyl ether	ND		ug/kg	100	4.2
p/m-Xylene	ND		ug/kg	100	9.9
o-Xylene	ND		ug/kg	100	8.6
Xylenes, Total	ND		ug/kg	100	8.6
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
1,2-Dichloroethene, Total	ND		ug/kg	50	7.1
Dibromomethane	ND		ug/kg	500	8.2
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	ND		ug/kg	500	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
Vinyl acetate	ND		ug/kg	500	6.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
1,2,3-Trichloropropane	ND		ug/kg	500	8.1
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	14.
2,2-Dichloropropane	ND		ug/kg	250	11.
1,2-Dibromoethane	ND		ug/kg	200	8.7
1,3-Dichloropropane	ND		ug/kg	250	7.3
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	10.
n-Butylbenzene	ND		ug/kg	50	5.7
sec-Butylbenzene	ND		ug/kg	50	6.1
tert-Butylbenzene	ND		ug/kg	250	6.8
o-Chlorotoluene	ND		ug/kg	250	8.0

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 10/04/15 10:04
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08,10 Batch: WG827773-3					
p-Chlorotoluene	ND		ug/kg	250	6.6
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	11.
Isopropylbenzene	ND		ug/kg	50	5.2
p-Isopropyltoluene	ND		ug/kg	50	6.2
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1
1,4-Dioxane	ND		ug/kg	5000	720
p-Diethylbenzene	ND		ug/kg	200	8.0
p-Ethyltoluene	ND		ug/kg	200	6.2
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	6.5
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C

Analytical Date: 10/04/15 10:04

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08,10 Batch: WG827773-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	106		70-130

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/05/15 08:41
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 16,18,20,22,24,30,32 Batch: WG827924-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	0.52	J	ug/kg	5.0	0.29
Bromomethane	1.4	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/05/15 08:41
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 16,18,20,22,24,30,32 Batch: WG827924-3					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylenes, Total	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	2.3	J	ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
o-Chlorotoluene	ND		ug/kg	5.0	0.16

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/05/15 08:41
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 16,18,20,22,24,30,32 Batch: WG827924-3					
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,4-Dioxane	ND		ug/kg	100	14.
p-Diethylbenzene	ND		ug/kg	4.0	0.16
p-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 10/05/15 08:41

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 16,18,20,22,24,30,32 Batch: WG827924-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	92		70-130

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 10/05/15 09:22
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 33 Batch: WG827949-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/05/15 09:22
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 33 Batch: WG827949-3					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 10/05/15 09:22
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 33 Batch: WG827949-3					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	41.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/05/15 22:40
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 25,27-28 Batch: WG828184-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/05/15 22:40
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 25,27-28 Batch: WG828184-3					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 10/05/15 22:40
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 25,27-28 Batch: WG828184-3					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	41.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	103		70-130

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/06/15 09:50
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG828276-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 10/06/15 09:50
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG828276-3					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 10/06/15 09:50
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG828276-3					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	41.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	93		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,12,14 Batch: WG827762-1 WG827762-2								
Methylene chloride	84		83		70-130	1		30
1,1-Dichloroethane	85		84		70-130	1		30
Chloroform	86		83		70-130	4		30
Carbon tetrachloride	88		84		70-130	5		30
1,2-Dichloropropane	83		83		70-130	0		30
Dibromochloromethane	88		91		70-130	3		30
2-Chloroethylvinyl ether	78		75		70-130	4		30
1,1,2-Trichloroethane	90		91		70-130	1		30
Tetrachloroethene	100		97		70-130	3		30
Chlorobenzene	94		94		70-130	0		30
Trichlorofluoromethane	98		88		70-139	11		30
1,2-Dichloroethane	81		80		70-130	1		30
1,1,1-Trichloroethane	89		82		70-130	8		30
Bromodichloromethane	82		83		70-130	1		30
trans-1,3-Dichloropropene	89		93		70-130	4		30
cis-1,3-Dichloropropene	84		84		70-130	0		30
1,1-Dichloropropene	90		86		70-130	5		30
Bromoform	86		89		70-130	3		30
1,1,2,2-Tetrachloroethane	90		90		70-130	0		30
Benzene	87		85		70-130	2		30
Toluene	94		93		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,12,14 Batch: WG827762-1 WG827762-2								
Ethylbenzene	94		93		70-130	1		30
Chloromethane	89		87		52-130	2		30
Bromomethane	85		82		57-147	4		30
Vinyl chloride	87		78		67-130	11		30
Chloroethane	93		92		50-151	1		30
1,1-Dichloroethene	86		81		65-135	6		30
trans-1,2-Dichloroethene	91		87		70-130	4		30
Trichloroethene	89		86		70-130	3		30
1,2-Dichlorobenzene	97		98		70-130	1		30
1,3-Dichlorobenzene	100		100		70-130	0		30
1,4-Dichlorobenzene	100		98		70-130	2		30
Methyl tert butyl ether	83		83		66-130	0		30
p/m-Xylene	96		96		70-130	0		30
o-Xylene	97		96		70-130	1		30
cis-1,2-Dichloroethene	91		86		70-130	6		30
Dibromomethane	82		83		70-130	1		30
Styrene	96		96		70-130	0		30
Dichlorodifluoromethane	101		89		30-146	13		30
Acetone	81		80		54-140	1		30
Carbon disulfide	82		83		59-130	1		30
2-Butanone	80		80		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,12,14 Batch: WG827762-1 WG827762-2								
Vinyl acetate	75		78		70-130	4		30
4-Methyl-2-pentanone	80		81		70-130	1		30
1,2,3-Trichloropropane	89		89		68-130	0		30
2-Hexanone	81		84		70-130	4		30
Bromochloromethane	89		88		70-130	1		30
2,2-Dichloropropane	89		87		70-130	2		30
1,2-Dibromoethane	90		92		70-130	2		30
1,3-Dichloropropane	90		91		69-130	1		30
1,1,1,2-Tetrachloroethane	89		93		70-130	4		30
Bromobenzene	98		97		70-130	1		30
n-Butylbenzene	101		98		70-130	3		30
sec-Butylbenzene	99		97		70-130	2		30
tert-Butylbenzene	99		97		70-130	2		30
o-Chlorotoluene	96		96		70-130	0		30
p-Chlorotoluene	99		97		70-130	2		30
1,2-Dibromo-3-chloropropane	81		86		68-130	6		30
Hexachlorobutadiene	102		100		67-130	2		30
Isopropylbenzene	100		96		70-130	4		30
p-Isopropyltoluene	101		98		70-130	3		30
Naphthalene	95		98		70-130	3		30
Acrylonitrile	84		79		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,12,14 Batch: WG827762-1 WG827762-2								
Isopropyl Ether	80		83		66-130	4		30
tert-Butyl Alcohol	75		79		70-130	5		30
n-Propylbenzene	99		96		70-130	3		30
1,2,3-Trichlorobenzene	102		101		70-130	1		30
1,2,4-Trichlorobenzene	105		105		70-130	0		30
1,3,5-Trimethylbenzene	100		98		70-130	2		30
1,2,4-Trimethylbenzene	100		99		70-130	1		30
Methyl Acetate	76		79		51-146	4		30
Ethyl Acetate	76		78		70-130	3		30
Acrolein	80		79		70-130	1		30
Cyclohexane	89		83		59-142	7		30
1,4-Dioxane	81		81		65-136	0		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	92		84		50-139	9		30
p-Diethylbenzene	101		100		70-130	1		30
p-Ethyltoluene	100		98		70-130	2		30
1,2,4,5-Tetramethylbenzene	99		99		70-130	0		30
Tetrahydrofuran	74		71		66-130	4		30
Ethyl ether	82		80		67-130	2		30
trans-1,4-Dichloro-2-butene	82		85		70-130	4		30
Methyl cyclohexane	90		84		70-130	7		30
Ethyl-Tert-Butyl-Ether	82		84		70-130	2		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,12,14 Batch: WG827762-1 WG827762-2								
Tertiary-Amyl Methyl Ether	83		83		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		93		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	98		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08,10 Batch: WG827773-1 WG827773-2								
Methylene chloride	88		84		70-130	5		30
1,1-Dichloroethane	103		97		70-130	6		30
Chloroform	96		96		70-130	0		30
Carbon tetrachloride	104		96		70-130	8		30
1,2-Dichloropropane	96		97		70-130	1		30
Dibromochloromethane	98		98		70-130	0		30
2-Chloroethylvinyl ether	93		100		70-130	7		30
1,1,2-Trichloroethane	89		85		70-130	5		30
Tetrachloroethene	83		78		70-130	6		30
Chlorobenzene	89		86		70-130	3		30
Trichlorofluoromethane	106		90		70-139	16		30
1,2-Dichloroethane	112		114		70-130	2		30
1,1,1-Trichloroethane	103		96		70-130	7		30
Bromodichloromethane	97		100		70-130	3		30
trans-1,3-Dichloropropene	94		89		70-130	5		30
cis-1,3-Dichloropropene	91		93		70-130	2		30
1,1-Dichloropropene	91		84		70-130	8		30
Bromoform	84		85		70-130	1		30
1,1,2,2-Tetrachloroethane	91		88		70-130	3		30
Benzene	86		84		70-130	2		30
Toluene	86		81		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08,10 Batch: WG827773-1 WG827773-2								
Ethylbenzene	87		82		70-130	6		30
Chloromethane	136	Q	128		52-130	6		30
Bromomethane	70		69		57-147	1		30
Vinyl chloride	68		61	Q	67-130	11		30
Chloroethane	87		86		50-151	1		30
1,1-Dichloroethene	90		89		65-135	1		30
trans-1,2-Dichloroethene	94		86		70-130	9		30
Trichloroethene	93		90		70-130	3		30
1,2-Dichlorobenzene	92		91		70-130	1		30
1,3-Dichlorobenzene	93		91		70-130	2		30
1,4-Dichlorobenzene	93		90		70-130	3		30
Methyl tert butyl ether	95		98		66-130	3		30
p/m-Xylene	85		81		70-130	5		30
o-Xylene	85		81		70-130	5		30
cis-1,2-Dichloroethene	91		88		70-130	3		30
Dibromomethane	93		98		70-130	5		30
Styrene	84		80		70-130	5		30
Dichlorodifluoromethane	112		96		30-146	15		30
Acetone	108		108		54-140	0		30
Carbon disulfide	98		91		59-130	7		30
2-Butanone	107		107		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08,10 Batch: WG827773-1 WG827773-2								
Vinyl acetate	115		114		70-130	1		30
4-Methyl-2-pentanone	99		105		70-130	6		30
1,2,3-Trichloropropane	90		87		68-130	3		30
2-Hexanone	102		98		70-130	4		30
Bromochloromethane	103		101		70-130	2		30
2,2-Dichloropropane	105		97		70-130	8		30
1,2-Dibromoethane	92		93		70-130	1		30
1,3-Dichloropropane	87		85		69-130	2		30
1,1,1,2-Tetrachloroethane	90		91		70-130	1		30
Bromobenzene	92		88		70-130	4		30
n-Butylbenzene	98		91		70-130	7		30
sec-Butylbenzene	97		90		70-130	7		30
tert-Butylbenzene	96		90		70-130	6		30
o-Chlorotoluene	101		95		70-130	6		30
p-Chlorotoluene	101		97		70-130	4		30
1,2-Dibromo-3-chloropropane	84		91		68-130	8		30
Hexachlorobutadiene	76		74		67-130	3		30
Isopropylbenzene	98		92		70-130	6		30
p-Isopropyltoluene	97		91		70-130	6		30
Naphthalene	91		92		70-130	1		30
Acrylonitrile	140	Q	134	Q	70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08,10 Batch: WG827773-1 WG827773-2								
Isopropyl Ether	130		127		66-130	2		30
tert-Butyl Alcohol	82		83		70-130	1		30
n-Propylbenzene	97		90		70-130	7		30
1,2,3-Trichlorobenzene	87		87		70-130	0		30
1,2,4-Trichlorobenzene	88		90		70-130	2		30
1,3,5-Trimethylbenzene	99		95		70-130	4		30
1,2,4-Trimethylbenzene	100		95		70-130	5		30
Methyl Acetate	108		113		51-146	5		30
Ethyl Acetate	110		110		70-130	0		30
Acrolein	120		106		70-130	12		30
Cyclohexane	121		107		59-142	12		30
1,4-Dioxane	77		72		65-136	7		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	96		91		50-139	5		30
p-Diethylbenzene	95		91		70-130	4		30
p-Ethyltoluene	97		91		70-130	6		30
1,2,4,5-Tetramethylbenzene	98		96		70-130	2		30
Tetrahydrofuran	112		107		66-130	5		30
Ethyl ether	95		99		67-130	4		30
trans-1,4-Dichloro-2-butene	156	Q	147	Q	70-130	6		30
Methyl cyclohexane	84		75		70-130	11		30
Ethyl-Tert-Butyl-Ether	111		112		70-130	1		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08,10 Batch: WG827773-1 WG827773-2								
Tertiary-Amyl Methyl Ether	86		86		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	116		117		70-130
Toluene-d8	99		94		70-130
4-Bromofluorobenzene	111		108		70-130
Dibromofluoromethane	106		109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 16,18,20,22,24,30,32 Batch: WG827924-1 WG827924-2								
Methylene chloride	89		89		70-130	0		30
1,1-Dichloroethane	88		92		70-130	4		30
Chloroform	90		91		70-130	1		30
Carbon tetrachloride	94		99		70-130	5		30
1,2-Dichloropropane	85		90		70-130	6		30
Dibromochloromethane	89		94		70-130	5		30
2-Chloroethylvinyl ether	81		84		70-130	4		30
1,1,2-Trichloroethane	92		96		70-130	4		30
Tetrachloroethene	111		111		70-130	0		30
Chlorobenzene	98		102		70-130	4		30
Trichlorofluoromethane	108		106		70-139	2		30
1,2-Dichloroethane	83		84		70-130	1		30
1,1,1-Trichloroethane	95		96		70-130	1		30
Bromodichloromethane	84		87		70-130	4		30
trans-1,3-Dichloropropene	90		96		70-130	6		30
cis-1,3-Dichloropropene	86		88		70-130	2		30
1,1-Dichloropropene	98		100		70-130	2		30
Bromoform	85		91		70-130	7		30
1,1,2,2-Tetrachloroethane	92		95		70-130	3		30
Benzene	93		95		70-130	2		30
Toluene	100		102		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 16,18,20,22,24,30,32 Batch: WG827924-1 WG827924-2								
Ethylbenzene	100		104		70-130	4		30
Chloromethane	91		97		52-130	6		30
Bromomethane	96		89		57-147	8		30
Vinyl chloride	94		95		67-130	1		30
Chloroethane	103		106		50-151	3		30
1,1-Dichloroethene	96		98		65-135	2		30
trans-1,2-Dichloroethene	94		99		70-130	5		30
Trichloroethene	96		99		70-130	3		30
1,2-Dichlorobenzene	101		103		70-130	2		30
1,3-Dichlorobenzene	103		106		70-130	3		30
1,4-Dichlorobenzene	104		106		70-130	2		30
Methyl tert butyl ether	82		85		66-130	4		30
p/m-Xylene	103		105		70-130	2		30
o-Xylene	102		104		70-130	2		30
cis-1,2-Dichloroethene	95		94		70-130	1		30
Dibromomethane	86		88		70-130	2		30
Styrene	100		104		70-130	4		30
Dichlorodifluoromethane	110		109		30-146	1		30
Acetone	80		87		54-140	8		30
Carbon disulfide	91		93		59-130	2		30
2-Butanone	80		86		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 16,18,20,22,24,30,32 Batch: WG827924-1 WG827924-2								
Vinyl acetate	76		79		70-130	4		30
4-Methyl-2-pentanone	81		86		70-130	6		30
1,2,3-Trichloropropane	96		94		68-130	2		30
2-Hexanone	81		91		70-130	12		30
Bromochloromethane	93		93		70-130	0		30
2,2-Dichloropropane	96		97		70-130	1		30
1,2-Dibromoethane	92		96		70-130	4		30
1,3-Dichloropropane	91		96		69-130	5		30
1,1,1,2-Tetrachloroethane	93		98		70-130	5		30
Bromobenzene	102		102		70-130	0		30
n-Butylbenzene	112		111		70-130	1		30
sec-Butylbenzene	110		111		70-130	1		30
tert-Butylbenzene	108		108		70-130	0		30
o-Chlorotoluene	101		103		70-130	2		30
p-Chlorotoluene	103		104		70-130	1		30
1,2-Dibromo-3-chloropropane	84		93		68-130	10		30
Hexachlorobutadiene	114		115		67-130	1		30
Isopropylbenzene	107		106		70-130	1		30
p-Isopropyltoluene	111		110		70-130	1		30
Naphthalene	97		101		70-130	4		30
Acrylonitrile	82		87		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 16,18,20,22,24,30,32 Batch: WG827924-1 WG827924-2									
Isopropyl Ether	82		85		66-130		4		30
tert-Butyl Alcohol	80		87		70-130		8		30
n-Propylbenzene	106		106		70-130		0		30
1,2,3-Trichlorobenzene	102		106		70-130		4		30
1,2,4-Trichlorobenzene	105		109		70-130		4		30
1,3,5-Trimethylbenzene	106		106		70-130		0		30
1,2,4-Trimethylbenzene	105		107		70-130		2		30
Methyl Acetate	78		88		51-146		12		30
Ethyl Acetate	78		85		70-130		9		30
Acrolein	80		82		70-130		2		30
Cyclohexane	99		101		59-142		2		30
1,4-Dioxane	92		101		65-136		9		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	106		105		50-139		1		30
p-Diethylbenzene	111		110		70-130		1		30
p-Ethyltoluene	107		107		70-130		0		30
1,2,4,5-Tetramethylbenzene	104		105		70-130		1		30
Tetrahydrofuran	80		84		66-130		5		30
Ethyl ether	85		85		67-130		0		30
trans-1,4-Dichloro-2-butene	84		89		70-130		6		30
Methyl cyclohexane	102		103		70-130		1		30
Ethyl-Tert-Butyl-Ether	82		86		70-130		5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 16,18,20,22,24,30,32 Batch: WG827924-1 WG827924-2								
Tertiary-Amyl Methyl Ether	83		86		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		94		70-130
Toluene-d8	105		106		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	98		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524249

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 33 Batch: WG827949-1 WG827949-2								
Methylene chloride	106		93		70-130	13		20
1,1-Dichloroethane	104		91		70-130	13		20
Chloroform	106		93		70-130	13		20
Carbon tetrachloride	97		86		63-132	12		20
1,2-Dichloropropane	105		95		70-130	10		20
Dibromochloromethane	105		96		63-130	9		20
1,1,2-Trichloroethane	109		95		70-130	14		20
Tetrachloroethene	104		90		70-130	14		20
Chlorobenzene	105		93		75-130	12		20
Trichlorofluoromethane	100		88		62-150	13		20
1,2-Dichloroethane	105		94		70-130	11		20
1,1,1-Trichloroethane	103		88		67-130	16		20
Bromodichloromethane	104		92		67-130	12		20
trans-1,3-Dichloropropene	109		96		70-130	13		20
cis-1,3-Dichloropropene	106		94		70-130	12		20
1,1-Dichloropropene	103		91		70-130	12		20
Bromoform	100		96		54-136	4		20
1,1,2,2-Tetrachloroethane	106		94		67-130	12		20
Benzene	105		92		70-130	13		20
Toluene	105		92		70-130	13		20
Ethylbenzene	108		93		70-130	15		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 33 Batch: WG827949-1 WG827949-2								
Chloromethane	106		91		64-130	15		20
Bromomethane	88		64		39-139	32	Q	20
Vinyl chloride	108		97		55-140	11		20
Chloroethane	116		102		55-138	13		20
1,1-Dichloroethene	104		92		61-145	12		20
trans-1,2-Dichloroethene	103		90		70-130	13		20
Trichloroethene	102		89		70-130	14		20
1,2-Dichlorobenzene	108		94		70-130	14		20
1,3-Dichlorobenzene	110		96		70-130	14		20
1,4-Dichlorobenzene	110		94		70-130	16		20
Methyl tert butyl ether	106		94		63-130	12		20
p/m-Xylene	109		92		70-130	17		20
o-Xylene	106		92		70-130	14		20
cis-1,2-Dichloroethene	105		94		70-130	11		20
Dibromomethane	108		96		70-130	12		20
1,2,3-Trichloropropane	107		94		64-130	13		20
Acrylonitrile	116		97		70-130	18		20
Styrene	109		93		70-130	16		20
Dichlorodifluoromethane	98		84		36-147	15		20
Acetone	114		100		58-148	13		20
Carbon disulfide	100		88		51-130	13		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 33 Batch: WG827949-1 WG827949-2								
2-Butanone	125		111		63-138	12		20
Vinyl acetate	103		91		70-130	12		20
4-Methyl-2-pentanone	99		87		59-130	13		20
2-Hexanone	110		96		57-130	14		20
Bromochloromethane	110		95		70-130	15		20
2,2-Dichloropropane	102		91		63-133	11		20
1,2-Dibromoethane	113		98		70-130	14		20
1,3-Dichloropropane	108		95		70-130	13		20
1,1,1,2-Tetrachloroethane	106		93		64-130	13		20
Bromobenzene	106		95		70-130	11		20
n-Butylbenzene	106		91		53-136	15		20
sec-Butylbenzene	107		95		70-130	12		20
tert-Butylbenzene	108		94		70-130	14		20
o-Chlorotoluene	106		96		70-130	10		20
p-Chlorotoluene	109		97		70-130	12		20
1,2-Dibromo-3-chloropropane	111		99		41-144	11		20
Hexachlorobutadiene	120		104		63-130	14		20
Isopropylbenzene	106		92		70-130	14		20
p-Isopropyltoluene	107		93		70-130	14		20
Naphthalene	109		94		70-130	15		20
n-Propylbenzene	107		93		69-130	14		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 33 Batch: WG827949-1 WG827949-2								
1,2,3-Trichlorobenzene	111		97		70-130	13		20
1,2,4-Trichlorobenzene	107		94		70-130	13		20
1,3,5-Trimethylbenzene	107		95		64-130	12		20
1,2,4-Trimethylbenzene	108		95		70-130	13		20
1,4-Dioxane	125		108		56-162	15		20
p-Diethylbenzene	106		92		70-130	14		20
p-Ethyltoluene	109		95		70-130	14		20
1,2,4,5-Tetramethylbenzene	112		94		70-130	17		20
Ethyl ether	117		101		59-134	15		20
trans-1,4-Dichloro-2-butene	109		95		70-130	14		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25,27-28 Batch: WG828184-1 WG828184-2								
Methylene chloride	86		86		70-130	0		20
1,1-Dichloroethane	86		83		70-130	4		20
Chloroform	87		85		70-130	2		20
Carbon tetrachloride	87		84		63-132	4		20
1,2-Dichloropropane	86		85		70-130	1		20
Dibromochloromethane	91		87		63-130	4		20
1,1,2-Trichloroethane	90		88		70-130	2		20
Tetrachloroethene	88		85		70-130	3		20
Chlorobenzene	85		83		75-130	2		20
Trichlorofluoromethane	91		86		62-150	6		20
1,2-Dichloroethane	86		84		70-130	2		20
1,1,1-Trichloroethane	88		85		67-130	3		20
Bromodichloromethane	87		85		67-130	2		20
trans-1,3-Dichloropropene	88		88		70-130	0		20
cis-1,3-Dichloropropene	88		86		70-130	2		20
1,1-Dichloropropene	87		85		70-130	2		20
Bromoform	89		92		54-136	3		20
1,1,2,2-Tetrachloroethane	88		90		67-130	2		20
Benzene	86		84		70-130	2		20
Toluene	85		82		70-130	4		20
Ethylbenzene	85		82		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25,27-28 Batch: WG828184-1 WG828184-2								
Chloromethane	78		71		64-130	9		20
Bromomethane	32	Q	27	Q	39-139	17		20
Vinyl chloride	88		81		55-140	8		20
Chloroethane	93		89		55-138	4		20
1,1-Dichloroethene	92		86		61-145	7		20
trans-1,2-Dichloroethene	87		86		70-130	1		20
Trichloroethene	87		83		70-130	5		20
1,2-Dichlorobenzene	82		80		70-130	2		20
1,3-Dichlorobenzene	84		82		70-130	2		20
1,4-Dichlorobenzene	82		81		70-130	1		20
Methyl tert butyl ether	92		91		63-130	1		20
p/m-Xylene	84		81		70-130	4		20
o-Xylene	84		81		70-130	4		20
cis-1,2-Dichloroethene	87		85		70-130	2		20
Dibromomethane	89		90		70-130	1		20
1,2,3-Trichloropropane	87		90		64-130	3		20
Acrylonitrile	93		93		70-130	0		20
Styrene	84		81		70-130	4		20
Dichlorodifluoromethane	86		80		36-147	7		20
Acetone	84		86		58-148	2		20
Carbon disulfide	82		78		51-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25,27-28 Batch: WG828184-1 WG828184-2								
2-Butanone	89		90		63-138	1		20
Vinyl acetate	84		83		70-130	1		20
4-Methyl-2-pentanone	83		86		59-130	4		20
2-Hexanone	85		86		57-130	1		20
Bromochloromethane	94		92		70-130	2		20
2,2-Dichloropropane	90		85		63-133	6		20
1,2-Dibromoethane	92		92		70-130	0		20
1,3-Dichloropropane	89		87		70-130	2		20
1,1,1,2-Tetrachloroethane	86		86		64-130	0		20
Bromobenzene	87		90		70-130	3		20
n-Butylbenzene	79		74		53-136	7		20
sec-Butylbenzene	81		80		70-130	1		20
tert-Butylbenzene	84		82		70-130	2		20
o-Chlorotoluene	84		84		70-130	0		20
p-Chlorotoluene	86		84		70-130	2		20
1,2-Dibromo-3-chloropropane	84		81		41-144	4		20
Hexachlorobutadiene	87		79		63-130	10		20
Isopropylbenzene	84		84		70-130	0		20
p-Isopropyltoluene	82		79		70-130	4		20
Naphthalene	85		83		70-130	2		20
n-Propylbenzene	83		82		69-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25,27-28 Batch: WG828184-1 WG828184-2								
1,2,3-Trichlorobenzene	82		82		70-130	0		20
1,2,4-Trichlorobenzene	82		75		70-130	9		20
1,3,5-Trimethylbenzene	84		82		64-130	2		20
1,2,4-Trimethylbenzene	84		83		70-130	1		20
1,4-Dioxane	103		105		56-162	2		20
p-Diethylbenzene	81		77		70-130	5		20
p-Ethyltoluene	84		84		70-130	0		20
1,2,4,5-Tetramethylbenzene	81		78		70-130	4		20
Ethyl ether	94		94		59-134	0		20
trans-1,4-Dichloro-2-butene	89		89		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	101		105		70-130
Dibromofluoromethane	101		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG828276-1 WG828276-2								
Methylene chloride	97		100		70-130	3		20
1,1-Dichloroethane	106		109		70-130	3		20
Chloroform	100		102		70-130	2		20
2-Chloroethylvinyl ether	108		114		70-130	5		20
Carbon tetrachloride	90		94		63-132	4		20
1,2-Dichloropropane	104		108		70-130	4		20
Dibromochloromethane	76		78		63-130	3		20
1,1,2-Trichloroethane	92		95		70-130	3		20
Tetrachloroethene	85		87		70-130	2		20
Chlorobenzene	92		94		75-130	2		20
Trichlorofluoromethane	105		110		62-150	5		20
1,2-Dichloroethane	96		99		70-130	3		20
1,1,1-Trichloroethane	96		98		67-130	2		20
Bromodichloromethane	90		93		67-130	3		20
trans-1,3-Dichloropropene	87		89		70-130	2		20
cis-1,3-Dichloropropene	93		96		70-130	3		20
1,1-Dichloropropene	106		109		70-130	3		20
Bromoform	70		75		54-136	7		20
1,1,2,2-Tetrachloroethane	91		97		67-130	6		20
Benzene	103		107		70-130	4		20
Toluene	95		96		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG828276-1 WG828276-2								
Ethylbenzene	99		102		70-130	3		20
Chloromethane	60	Q	66		64-130	10		20
Bromomethane	94		94		39-139	0		20
Vinyl chloride	120		124		55-140	3		20
Chloroethane	148	Q	153	Q	55-138	3		20
1,1-Dichloroethene	101		104		61-145	3		20
trans-1,2-Dichloroethene	98		100		70-130	2		20
Trichloroethene	99		102		70-130	3		20
1,2-Dichlorobenzene	84		88		70-130	5		20
1,3-Dichlorobenzene	86		90		70-130	5		20
1,4-Dichlorobenzene	87		90		70-130	3		20
Methyl tert butyl ether	90		96		63-130	6		20
p/m-Xylene	95		98		70-130	3		20
o-Xylene	95		98		70-130	3		20
cis-1,2-Dichloroethene	96		99		70-130	3		20
Dibromomethane	90		93		70-130	3		20
1,2,3-Trichloropropane	95		102		64-130	7		20
Acrylonitrile	91		93		70-130	2		20
Isopropyl Ether	108		112		70-130	4		20
tert-Butyl Alcohol	63	Q	78		70-130	21	Q	20
Styrene	96		98		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG828276-1 WG828276-2								
Dichlorodifluoromethane	94		96		36-147	2		20
Acetone	115		116		58-148	1		20
Carbon disulfide	100		103		51-130	3		20
2-Butanone	97		102		63-138	5		20
Vinyl acetate	101		105		70-130	4		20
4-Methyl-2-pentanone	80		90		59-130	12		20
2-Hexanone	86		89		57-130	3		20
Acrolein	95		103		40-160	8		20
Bromochloromethane	92		96		70-130	4		20
2,2-Dichloropropane	97		101		63-133	4		20
1,2-Dibromoethane	81		85		70-130	5		20
1,3-Dichloropropane	94		97		70-130	3		20
1,1,1,2-Tetrachloroethane	82		83		64-130	1		20
Bromobenzene	85		88		70-130	3		20
n-Butylbenzene	102		108		53-136	6		20
sec-Butylbenzene	101		106		70-130	5		20
tert-Butylbenzene	94		98		70-130	4		20
o-Chlorotoluene	103		98		70-130	5		20
p-Chlorotoluene	98		102		70-130	4		20
1,2-Dibromo-3-chloropropane	85		92		41-144	8		20
Hexachlorobutadiene	81		86		63-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG828276-1 WG828276-2								
Isopropylbenzene	100		104		70-130	4		20
p-Isopropyltoluene	95		100		70-130	5		20
Naphthalene	76		83		70-130	9		20
n-Propylbenzene	108		112		69-130	4		20
1,2,3-Trichlorobenzene	75		83		70-130	10		20
1,2,4-Trichlorobenzene	77		82		70-130	6		20
1,3,5-Trimethylbenzene	97		101		64-130	4		20
1,2,4-Trimethylbenzene	94		98		70-130	4		20
Methyl Acetate	92		101		70-130	9		20
Ethyl Acetate	90		98		70-130	9		20
Cyclohexane	117		120		70-130	3		20
Ethyl-Tert-Butyl-Ether	98		102		70-130	4		20
Tertiary-Amyl Methyl Ether	90		95		66-130	5		20
1,4-Dioxane	72		86		56-162	18		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	104		110		70-130	6		20
p-Diethylbenzene	90		94		70-130	4		20
p-Ethyltoluene	100		105		70-130	5		20
1,2,4,5-Tetramethylbenzene	87		91		70-130	4		20
Ethyl ether	96		100		59-134	4		20
trans-1,4-Dichloro-2-butene	77		85		70-130	10		20
Methyl cyclohexane	107		110		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524249

Report Date: 10/07/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG828276-1 WG828276-2

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
1,2-Dichloroethane-d4	102		102		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	103		104		70-130
Dibromofluoromethane	97		97		70-130

SEMIVOLATILES

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-01
 Client ID: SB-1 (0-2)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/05/15 16:44
 Analyst: KR
 Percent Solids: 84%

Date Collected: 09/28/15 10:10
 Date Received: 09/28/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/03/15 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1600		ug/kg	160	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	64.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	55.	1
2-Chloronaphthalene	ND		ug/kg	200	64.	1
1,2-Dichlorobenzene	ND		ug/kg	200	64.	1
1,3-Dichlorobenzene	ND		ug/kg	200	62.	1
1,4-Dichlorobenzene	ND		ug/kg	200	59.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	42.	1
2,6-Dinitrotoluene	ND		ug/kg	200	50.	1
Fluoranthene	10000	E	ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	59.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	45.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	69.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	59.	1
Hexachlorobutadiene	ND		ug/kg	200	55.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	120	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	52.	1
Naphthalene	1400		ug/kg	200	65.	1
Nitrobenzene	ND		ug/kg	180	46.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	58.	1
Bis(2-Ethylhexyl)phthalate	340		ug/kg	200	51.	1
Butyl benzyl phthalate	ND		ug/kg	200	38.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	48.	1
Diethyl phthalate	ND		ug/kg	200	41.	1
Dimethyl phthalate	ND		ug/kg	200	50.	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-01

Date Collected: 09/28/15 10:10

Client ID: SB-1 (0-2)

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	4800		ug/kg	120	38.	1
Benzo(a)pyrene	4200		ug/kg	160	48.	1
Benzo(b)fluoranthene	5100		ug/kg	120	39.	1
Benzo(k)fluoranthene	1700		ug/kg	120	37.	1
Chrysene	4800		ug/kg	120	38.	1
Acenaphthylene	660		ug/kg	160	36.	1
Anthracene	2900		ug/kg	120	32.	1
Benzo(ghi)perylene	2500		ug/kg	160	41.	1
Fluorene	1800		ug/kg	200	56.	1
Phenanthrene	12000	E	ug/kg	120	38.	1
Dibenzo(a,h)anthracene	620		ug/kg	120	38.	1
Indeno(1,2,3-cd)Pyrene	2600		ug/kg	160	43.	1
Pyrene	9000	E	ug/kg	120	38.	1
Biphenyl	250	J	ug/kg	440	64.	1
4-Chloroaniline	ND		ug/kg	200	52.	1
2-Nitroaniline	ND		ug/kg	200	55.	1
3-Nitroaniline	ND		ug/kg	200	54.	1
4-Nitroaniline	ND		ug/kg	200	53.	1
Dibenzofuran	1300		ug/kg	200	65.	1
2-Methylnaphthalene	700		ug/kg	230	62.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	60.	1
Acetophenone	ND		ug/kg	200	60.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
P-Chloro-M-Cresol	ND		ug/kg	200	57.	1
2-Chlorophenol	ND		ug/kg	200	59.	1
2,4-Dichlorophenol	ND		ug/kg	180	63.	1
2,4-Dimethylphenol	ND		ug/kg	200	58.	1
2-Nitrophenol	ND		ug/kg	420	61.	1
4-Nitrophenol	ND		ug/kg	270	63.	1
2,4-Dinitrophenol	ND		ug/kg	940	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	72.	1
Pentachlorophenol	ND		ug/kg	160	42.	1
Phenol	ND		ug/kg	200	58.	1
2-Methylphenol	ND		ug/kg	200	63.	1
3-Methylphenol/4-Methylphenol	84	J	ug/kg	280	64.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	63.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	1400		ug/kg	200	42.	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-01
 Client ID: SB-1 (0-2)
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 10:10
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	67		18-120

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-01 D
 Client ID: SB-1 (0-2)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/06/15 11:22
 Analyst: KR
 Percent Solids: 84%

Date Collected: 09/28/15 10:10
 Date Received: 09/28/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/03/15 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	9300		ug/kg	230	72.	2
Phenanthrene	10000		ug/kg	230	76.	2
Pyrene	8400		ug/kg	230	76.	2

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-03
Client ID: SB-1 (4-6)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/15 17:09
Analyst: KR
Percent Solids: 81%

Date Collected: 09/28/15 10:20
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	910		ug/kg	160	41.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	66.	1
Hexachlorobenzene	ND		ug/kg	120	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	56.	1
2-Chloronaphthalene	ND		ug/kg	200	66.	1
1,2-Dichlorobenzene	ND		ug/kg	200	66.	1
1,3-Dichlorobenzene	ND		ug/kg	200	63.	1
1,4-Dichlorobenzene	ND		ug/kg	200	61.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	43.	1
2,6-Dinitrotoluene	ND		ug/kg	200	52.	1
Fluoranthene	5600		ug/kg	120	37.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	61.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	71.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	61.	1
Hexachlorobutadiene	ND		ug/kg	200	57.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	130	1
Hexachloroethane	ND		ug/kg	160	37.	1
Isophorone	ND		ug/kg	180	54.	1
Naphthalene	810		ug/kg	200	67.	1
Nitrobenzene	ND		ug/kg	180	48.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	42.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	60.	1
Bis(2-Ethylhexyl)phthalate	300		ug/kg	200	53.	1
Butyl benzyl phthalate	ND		ug/kg	200	39.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	50.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	51.	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-03
 Client ID: SB-1 (4-6)
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 10:20
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	2300		ug/kg	120	39.	1
Benzo(a)pyrene	1900		ug/kg	160	49.	1
Benzo(b)fluoranthene	2400		ug/kg	120	41.	1
Benzo(k)fluoranthene	880		ug/kg	120	38.	1
Chrysene	2400		ug/kg	120	40.	1
Acenaphthylene	280		ug/kg	160	38.	1
Anthracene	1600		ug/kg	120	34.	1
Benzo(ghi)perylene	1100		ug/kg	160	42.	1
Fluorene	980		ug/kg	200	58.	1
Phenanthrene	6400		ug/kg	120	39.	1
Dibenzo(a,h)anthracene	290		ug/kg	120	39.	1
Indeno(1,2,3-cd)Pyrene	1100		ug/kg	160	45.	1
Pyrene	4700		ug/kg	120	39.	1
Biphenyl	130	J	ug/kg	460	66.	1
4-Chloroaniline	ND		ug/kg	200	53.	1
2-Nitroaniline	ND		ug/kg	200	57.	1
3-Nitroaniline	ND		ug/kg	200	56.	1
4-Nitroaniline	ND		ug/kg	200	54.	1
Dibenzofuran	740		ug/kg	200	67.	1
2-Methylnaphthalene	410		ug/kg	240	64.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	62.	1
Acetophenone	ND		ug/kg	200	62.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
P-Chloro-M-Cresol	ND		ug/kg	200	58.	1
2-Chlorophenol	ND		ug/kg	200	61.	1
2,4-Dichlorophenol	ND		ug/kg	180	65.	1
2,4-Dimethylphenol	ND		ug/kg	200	60.	1
2-Nitrophenol	ND		ug/kg	440	63.	1
4-Nitrophenol	ND		ug/kg	280	65.	1
2,4-Dinitrophenol	ND		ug/kg	970	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	74.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	60.	1
2-Methylphenol	ND		ug/kg	200	65.	1
3-Methylphenol/4-Methylphenol	820		ug/kg	290	66.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	65.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	760		ug/kg	200	43.	1

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS**

Lab ID: L1524249-03

Date Collected: 09/28/15 10:20

Client ID: SB-1 (4-6)

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	77		18-120

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-05
 Client ID: SB-6 (0-2)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/05/15 17:33
 Analyst: KR
 Percent Solids: 70%

Date Collected: 09/28/15 11:15
 Date Received: 09/28/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/03/15 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	430		ug/kg	190	49.	1
1,2,4-Trichlorobenzene	ND		ug/kg	240	78.	1
Hexachlorobenzene	ND		ug/kg	140	44.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	67.	1
2-Chloronaphthalene	ND		ug/kg	240	78.	1
1,2-Dichlorobenzene	ND		ug/kg	240	78.	1
1,3-Dichlorobenzene	ND		ug/kg	240	75.	1
1,4-Dichlorobenzene	ND		ug/kg	240	72.	1
3,3'-Dichlorobenzidine	ND		ug/kg	240	63.	1
2,4-Dinitrotoluene	ND		ug/kg	240	51.	1
2,6-Dinitrotoluene	ND		ug/kg	240	61.	1
Fluoranthene	3800		ug/kg	140	44.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	240	72.	1
4-Bromophenyl phenyl ether	ND		ug/kg	240	55.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	84.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	260	72.	1
Hexachlorobutadiene	ND		ug/kg	240	67.	1
Hexachlorocyclopentadiene	ND		ug/kg	680	150	1
Hexachloroethane	ND		ug/kg	190	43.	1
Isophorone	ND		ug/kg	210	63.	1
Naphthalene	320		ug/kg	240	79.	1
Nitrobenzene	ND		ug/kg	210	57.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	190	50.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	240	71.	1
Bis(2-Ethylhexyl)phthalate	160	J	ug/kg	240	62.	1
Butyl benzyl phthalate	ND		ug/kg	240	46.	1
Di-n-butylphthalate	ND		ug/kg	240	46.	1
Di-n-octylphthalate	ND		ug/kg	240	58.	1
Diethyl phthalate	ND		ug/kg	240	50.	1
Dimethyl phthalate	ND		ug/kg	240	60.	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-05
 Client ID: SB-6 (0-2)
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 11:15
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	1600		ug/kg	140	46.	1
Benzo(a)pyrene	1500		ug/kg	190	58.	1
Benzo(b)fluoranthene	1900		ug/kg	140	48.	1
Benzo(k)fluoranthene	640		ug/kg	140	45.	1
Chrysene	1800		ug/kg	140	47.	1
Acenaphthylene	170	J	ug/kg	190	44.	1
Anthracene	810		ug/kg	140	40.	1
Benzo(ghi)perylene	990		ug/kg	190	49.	1
Fluorene	450		ug/kg	240	68.	1
Phenanthrene	3600		ug/kg	140	46.	1
Dibenzo(a,h)anthracene	230		ug/kg	140	46.	1
Indeno(1,2,3-cd)Pyrene	1000		ug/kg	190	53.	1
Pyrene	3300		ug/kg	140	46.	1
Biphenyl	ND		ug/kg	540	78.	1
4-Chloroaniline	ND		ug/kg	240	63.	1
2-Nitroaniline	ND		ug/kg	240	67.	1
3-Nitroaniline	ND		ug/kg	240	66.	1
4-Nitroaniline	ND		ug/kg	240	64.	1
Dibenzofuran	300		ug/kg	240	79.	1
2-Methylnaphthalene	140	J	ug/kg	280	76.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	240	74.	1
Acetophenone	ND		ug/kg	240	74.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	45.	1
P-Chloro-M-Cresol	ND		ug/kg	240	69.	1
2-Chlorophenol	ND		ug/kg	240	72.	1
2,4-Dichlorophenol	ND		ug/kg	210	77.	1
2,4-Dimethylphenol	ND		ug/kg	240	71.	1
2-Nitrophenol	ND		ug/kg	510	74.	1
4-Nitrophenol	ND		ug/kg	330	77.	1
2,4-Dinitrophenol	ND		ug/kg	1100	320	1
4,6-Dinitro-o-cresol	ND		ug/kg	620	87.	1
Pentachlorophenol	ND		ug/kg	190	51.	1
Phenol	ND		ug/kg	240	70.	1
2-Methylphenol	ND		ug/kg	240	77.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	340	78.	1
2,4,5-Trichlorophenol	ND		ug/kg	240	77.	1
Benzoic Acid	ND		ug/kg	770	240	1
Benzyl Alcohol	ND		ug/kg	240	73.	1
Carbazole	300		ug/kg	240	51.	1

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS**

Lab ID: L1524249-05

Date Collected: 09/28/15 11:15

Client ID: SB-6 (0-2)

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	40		10-136
4-Terphenyl-d14	62		18-120

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-07
 Client ID: SB-6 (4-6)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/05/15 17:59
 Analyst: KR
 Percent Solids: 80%

Date Collected: 09/28/15 11:20
 Date Received: 09/28/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/03/15 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	66.	1
Hexachlorobenzene	ND		ug/kg	120	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	57.	1
2-Chloronaphthalene	ND		ug/kg	200	66.	1
1,2-Dichlorobenzene	ND		ug/kg	200	66.	1
1,3-Dichlorobenzene	ND		ug/kg	200	64.	1
1,4-Dichlorobenzene	ND		ug/kg	200	62.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	44.	1
2,6-Dinitrotoluene	ND		ug/kg	200	52.	1
Fluoranthene	300		ug/kg	120	37.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	62.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	47.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	71.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	61.	1
Hexachlorobutadiene	ND		ug/kg	200	57.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	130	1
Hexachloroethane	ND		ug/kg	160	37.	1
Isophorone	ND		ug/kg	180	54.	1
Naphthalene	89	J	ug/kg	200	67.	1
Nitrobenzene	ND		ug/kg	180	48.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	42.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	60.	1
Bis(2-Ethylhexyl)phthalate	340		ug/kg	200	53.	1
Butyl benzyl phthalate	ND		ug/kg	200	40.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	50.	1
Diethyl phthalate	ND		ug/kg	200	43.	1
Dimethyl phthalate	ND		ug/kg	200	51.	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-07
Client ID: SB-6 (4-6)
Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 11:20
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	120		ug/kg	120	40.	1
Benzo(a)pyrene	100	J	ug/kg	160	50.	1
Benzo(b)fluoranthene	130		ug/kg	120	41.	1
Benzo(k)fluoranthene	50	J	ug/kg	120	39.	1
Chrysene	140		ug/kg	120	40.	1
Acenaphthylene	ND		ug/kg	160	38.	1
Anthracene	65	J	ug/kg	120	34.	1
Benzo(ghi)perylene	63	J	ug/kg	160	42.	1
Fluorene	ND		ug/kg	200	58.	1
Phenanthrene	250		ug/kg	120	40.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	39.	1
Indeno(1,2,3-cd)Pyrene	66	J	ug/kg	160	45.	1
Pyrene	240		ug/kg	120	39.	1
Biphenyl	ND		ug/kg	460	67.	1
4-Chloroaniline	ND		ug/kg	200	54.	1
2-Nitroaniline	ND		ug/kg	200	57.	1
3-Nitroaniline	ND		ug/kg	200	56.	1
4-Nitroaniline	ND		ug/kg	200	55.	1
Dibenzofuran	ND		ug/kg	200	68.	1
2-Methylnaphthalene	ND		ug/kg	240	65.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	63.	1
Acetophenone	ND		ug/kg	200	63.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
P-Chloro-M-Cresol	ND		ug/kg	200	59.	1
2-Chlorophenol	ND		ug/kg	200	61.	1
2,4-Dichlorophenol	ND		ug/kg	180	66.	1
2,4-Dimethylphenol	ND		ug/kg	200	60.	1
2-Nitrophenol	ND		ug/kg	440	63.	1
4-Nitrophenol	ND		ug/kg	280	66.	1
2,4-Dinitrophenol	ND		ug/kg	970	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	74.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	60.	1
2-Methylphenol	ND		ug/kg	200	65.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	66.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	66.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	44.	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-07
 Client ID: SB-6 (4-6)
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 11:20
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	64		18-120

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-09
 Client ID: SB-7 (0-2)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/05/15 18:24
 Analyst: KR
 Percent Solids: 79%

Date Collected: 09/28/15 12:15
 Date Received: 09/28/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/03/15 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	49	J	ug/kg	160	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	68.	1
Hexachlorobenzene	ND		ug/kg	120	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	58.	1
2-Chloronaphthalene	ND		ug/kg	210	67.	1
1,2-Dichlorobenzene	ND		ug/kg	210	68.	1
1,3-Dichlorobenzene	ND		ug/kg	210	65.	1
1,4-Dichlorobenzene	ND		ug/kg	210	63.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	44.	1
2,6-Dinitrotoluene	ND		ug/kg	210	53.	1
Fluoranthene	880		ug/kg	120	38.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	63.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	47.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	73.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	62.	1
Hexachlorobutadiene	ND		ug/kg	210	58.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	130	1
Hexachloroethane	ND		ug/kg	160	38.	1
Isophorone	ND		ug/kg	180	55.	1
Naphthalene	130	J	ug/kg	210	68.	1
Nitrobenzene	ND		ug/kg	180	49.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	43.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	62.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	210	54.	1
Butyl benzyl phthalate	ND		ug/kg	210	40.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	51.	1
Diethyl phthalate	ND		ug/kg	210	44.	1
Dimethyl phthalate	ND		ug/kg	210	52.	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-09
 Client ID: SB-7 (0-2)
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 12:15
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	400		ug/kg	120	40.	1
Benzo(a)pyrene	360		ug/kg	160	50.	1
Benzo(b)fluoranthene	500		ug/kg	120	42.	1
Benzo(k)fluoranthene	150		ug/kg	120	39.	1
Chrysene	430		ug/kg	120	40.	1
Acenaphthylene	52	J	ug/kg	160	39.	1
Anthracene	190		ug/kg	120	34.	1
Benzo(ghi)perylene	330		ug/kg	160	43.	1
Fluorene	61	J	ug/kg	210	59.	1
Phenanthrene	690		ug/kg	120	40.	1
Dibenzo(a,h)anthracene	73	J	ug/kg	120	40.	1
Indeno(1,2,3-cd)Pyrene	330		ug/kg	160	46.	1
Pyrene	720		ug/kg	120	40.	1
Biphenyl	ND		ug/kg	470	68.	1
4-Chloroaniline	ND		ug/kg	210	54.	1
2-Nitroaniline	ND		ug/kg	210	58.	1
3-Nitroaniline	ND		ug/kg	210	57.	1
4-Nitroaniline	330		ug/kg	210	56.	1
Dibenzofuran	ND		ug/kg	210	69.	1
2-Methylnaphthalene	ND		ug/kg	250	66.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	64.	1
Acetophenone	ND		ug/kg	210	64.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
P-Chloro-M-Cresol	ND		ug/kg	210	60.	1
2-Chlorophenol	ND		ug/kg	210	62.	1
2,4-Dichlorophenol	ND		ug/kg	180	67.	1
2,4-Dimethylphenol	ND		ug/kg	210	62.	1
2-Nitrophenol	ND		ug/kg	450	64.	1
4-Nitrophenol	ND		ug/kg	290	67.	1
2,4-Dinitrophenol	ND		ug/kg	990	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	76.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	210	61.	1
2-Methylphenol	ND		ug/kg	210	66.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	68.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	67.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	65	J	ug/kg	210	44.	1

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS**

Lab ID: L1524249-09

Date Collected: 09/28/15 12:15

Client ID: SB-7 (0-2)

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	59		18-120

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-11
 Client ID: SB-7 (8-10)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/05/15 18:50
 Analyst: KR
 Percent Solids: 70%

Date Collected: 09/28/15 12:25
 Date Received: 09/28/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/03/15 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	ug/kg	190	49.	1
1,2,4-Trichlorobenzene	ND		ug/kg	240	78.	1
Hexachlorobenzene	ND		ug/kg	140	44.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	67.	1
2-Chloronaphthalene	ND		ug/kg	240	78.	1
1,2-Dichlorobenzene	ND		ug/kg	240	78.	1
1,3-Dichlorobenzene	ND		ug/kg	240	75.	1
1,4-Dichlorobenzene	ND		ug/kg	240	72.	1
3,3'-Dichlorobenzidine	ND		ug/kg	240	63.	1
2,4-Dinitrotoluene	ND		ug/kg	240	51.	1
2,6-Dinitrotoluene	ND		ug/kg	240	61.	1
Fluoranthene	1600		ug/kg	140	44.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	240	72.	1
4-Bromophenyl phenyl ether	ND		ug/kg	240	55.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	290	84.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	260	72.	1
Hexachlorobutadiene	ND		ug/kg	240	67.	1
Hexachlorocyclopentadiene	ND		ug/kg	680	150	1
Hexachloroethane	ND		ug/kg	190	43.	1
Isophorone	ND		ug/kg	210	63.	1
Naphthalene	150	J	ug/kg	240	79.	1
Nitrobenzene	ND		ug/kg	210	57.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	190	50.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	240	71.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	240	62.	1
Butyl benzyl phthalate	ND		ug/kg	240	46.	1
Di-n-butylphthalate	ND		ug/kg	240	46.	1
Di-n-octylphthalate	ND		ug/kg	240	59.	1
Diethyl phthalate	ND		ug/kg	240	50.	1
Dimethyl phthalate	ND		ug/kg	240	60.	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-11

Date Collected: 09/28/15 12:25

Client ID: SB-7 (8-10)

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	720		ug/kg	140	47.	1
Benzo(a)pyrene	630		ug/kg	190	58.	1
Benzo(b)fluoranthene	740		ug/kg	140	48.	1
Benzo(k)fluoranthene	300		ug/kg	140	45.	1
Chrysene	740		ug/kg	140	47.	1
Acenaphthylene	110	J	ug/kg	190	44.	1
Anthracene	330		ug/kg	140	40.	1
Benzo(ghi)perylene	330		ug/kg	190	50.	1
Fluorene	160	J	ug/kg	240	68.	1
Phenanthrene	1200		ug/kg	140	47.	1
Dibenzo(a,h)anthracene	89	J	ug/kg	140	46.	1
Indeno(1,2,3-cd)Pyrene	360		ug/kg	190	53.	1
Pyrene	1300		ug/kg	140	46.	1
Biphenyl	ND		ug/kg	540	79.	1
4-Chloroaniline	ND		ug/kg	240	63.	1
2-Nitroaniline	ND		ug/kg	240	67.	1
3-Nitroaniline	ND		ug/kg	240	66.	1
4-Nitroaniline	ND		ug/kg	240	64.	1
Dibenzofuran	100	J	ug/kg	240	80.	1
2-Methylnaphthalene	ND		ug/kg	290	76.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	240	74.	1
Acetophenone	ND		ug/kg	240	74.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	45.	1
P-Chloro-M-Cresol	ND		ug/kg	240	69.	1
2-Chlorophenol	ND		ug/kg	240	72.	1
2,4-Dichlorophenol	ND		ug/kg	210	77.	1
2,4-Dimethylphenol	ND		ug/kg	240	71.	1
2-Nitrophenol	ND		ug/kg	510	74.	1
4-Nitrophenol	ND		ug/kg	330	77.	1
2,4-Dinitrophenol	ND		ug/kg	1100	330	1
4,6-Dinitro-o-cresol	ND		ug/kg	620	87.	1
Pentachlorophenol	ND		ug/kg	190	51.	1
Phenol	ND		ug/kg	240	70.	1
2-Methylphenol	ND		ug/kg	240	77.	1
3-Methylphenol/4-Methylphenol	700		ug/kg	340	78.	1
2,4,5-Trichlorophenol	ND		ug/kg	240	77.	1
Benzoic Acid	ND		ug/kg	770	240	1
Benzyl Alcohol	ND		ug/kg	240	73.	1
Carbazole	130	J	ug/kg	240	51.	1

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS**

Lab ID: L1524249-11

Date Collected: 09/28/15 12:25

Client ID: SB-7 (8-10)

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	65		18-120

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-13
 Client ID: SB-8 (0-2)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/05/15 19:15
 Analyst: KR
 Percent Solids: 84%

Date Collected: 09/28/15 12:45
 Date Received: 09/28/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/03/15 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	160	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	64.	1
Hexachlorobenzene	ND		ug/kg	120	37.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	55.	1
2-Chloronaphthalene	ND		ug/kg	200	64.	1
1,2-Dichlorobenzene	ND		ug/kg	200	65.	1
1,3-Dichlorobenzene	ND		ug/kg	200	62.	1
1,4-Dichlorobenzene	ND		ug/kg	200	60.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	42.	1
2,6-Dinitrotoluene	ND		ug/kg	200	50.	1
Fluoranthene	1000		ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	60.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	45.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	69.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	60.	1
Hexachlorobutadiene	ND		ug/kg	200	56.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	130	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	52.	1
Naphthalene	ND		ug/kg	200	65.	1
Nitrobenzene	ND		ug/kg	180	47.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	59.	1
Bis(2-Ethylhexyl)phthalate	330		ug/kg	200	52.	1
Butyl benzyl phthalate	ND		ug/kg	200	38.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	48.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	50.	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-13
 Client ID: SB-8 (0-2)
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 12:45
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	510		ug/kg	120	38.	1
Benzo(a)pyrene	460		ug/kg	160	48.	1
Benzo(b)fluoranthene	540		ug/kg	120	40.	1
Benzo(k)fluoranthene	220		ug/kg	120	38.	1
Chrysene	530		ug/kg	120	39.	1
Acenaphthylene	40	J	ug/kg	160	37.	1
Anthracene	300		ug/kg	120	33.	1
Benzo(ghi)perylene	240		ug/kg	160	41.	1
Fluorene	130	J	ug/kg	200	56.	1
Phenanthrene	950		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	71	J	ug/kg	120	38.	1
Indeno(1,2,3-cd)Pyrene	270		ug/kg	160	44.	1
Pyrene	890		ug/kg	120	38.	1
Biphenyl	ND		ug/kg	450	65.	1
4-Chloroaniline	ND		ug/kg	200	52.	1
2-Nitroaniline	ND		ug/kg	200	56.	1
3-Nitroaniline	ND		ug/kg	200	54.	1
4-Nitroaniline	ND		ug/kg	200	53.	1
Dibenzofuran	80	J	ug/kg	200	66.	1
2-Methylnaphthalene	ND		ug/kg	240	63.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	61.	1
Acetophenone	ND		ug/kg	200	61.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
P-Chloro-M-Cresol	ND		ug/kg	200	57.	1
2-Chlorophenol	ND		ug/kg	200	59.	1
2,4-Dichlorophenol	ND		ug/kg	180	64.	1
2,4-Dimethylphenol	ND		ug/kg	200	59.	1
2-Nitrophenol	ND		ug/kg	420	61.	1
4-Nitrophenol	ND		ug/kg	280	64.	1
2,4-Dinitrophenol	ND		ug/kg	940	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	72.	1
Pentachlorophenol	ND		ug/kg	160	42.	1
Phenol	ND		ug/kg	200	58.	1
2-Methylphenol	ND		ug/kg	200	63.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	64.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	64.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	99	J	ug/kg	200	42.	1

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS**

Lab ID: L1524249-13

Date Collected: 09/28/15 12:45

Client ID: SB-8 (0-2)

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	82		18-120

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-15
Client ID: SB-8 (4-6)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/15 19:41
Analyst: KR
Percent Solids: 78%

Date Collected: 09/28/15 12:50
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	44.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	70.	1
Hexachlorobenzene	ND		ug/kg	130	40.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	60.	1
2-Chloronaphthalene	ND		ug/kg	210	70.	1
1,2-Dichlorobenzene	ND		ug/kg	210	70.	1
1,3-Dichlorobenzene	ND		ug/kg	210	68.	1
1,4-Dichlorobenzene	ND		ug/kg	210	65.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	46.	1
2,6-Dinitrotoluene	ND		ug/kg	210	55.	1
Fluoranthene	280		ug/kg	130	39.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	65.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	49.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	76.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	65.	1
Hexachlorobutadiene	ND		ug/kg	210	60.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	140	1
Hexachloroethane	ND		ug/kg	170	39.	1
Isophorone	ND		ug/kg	190	57.	1
Naphthalene	93	J	ug/kg	210	71.	1
Nitrobenzene	ND		ug/kg	190	51.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	170	45.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	64.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	210	56.	1
Butyl benzyl phthalate	ND		ug/kg	210	42.	1
Di-n-butylphthalate	ND		ug/kg	210	41.	1
Di-n-octylphthalate	ND		ug/kg	210	53.	1
Diethyl phthalate	ND		ug/kg	210	45.	1
Dimethyl phthalate	ND		ug/kg	210	54.	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-15
 Client ID: SB-8 (4-6)
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 12:50
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	120	J	ug/kg	130	42.	1
Benzo(a)pyrene	110	J	ug/kg	170	52.	1
Benzo(b)fluoranthene	140		ug/kg	130	43.	1
Benzo(k)fluoranthene	55	J	ug/kg	130	41.	1
Chrysene	120	J	ug/kg	130	42.	1
Acenaphthylene	ND		ug/kg	170	40.	1
Anthracene	72	J	ug/kg	130	36.	1
Benzo(ghi)perylene	70	J	ug/kg	170	45.	1
Fluorene	ND		ug/kg	210	62.	1
Phenanthrene	260		ug/kg	130	42.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	42.	1
Indeno(1,2,3-cd)Pyrene	70	J	ug/kg	170	48.	1
Pyrene	250		ug/kg	130	42.	1
Biphenyl	ND		ug/kg	490	71.	1
4-Chloroaniline	ND		ug/kg	210	57.	1
2-Nitroaniline	ND		ug/kg	210	60.	1
3-Nitroaniline	ND		ug/kg	210	59.	1
4-Nitroaniline	ND		ug/kg	210	58.	1
Dibenzofuran	ND		ug/kg	210	72.	1
2-Methylnaphthalene	ND		ug/kg	260	68.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	66.	1
Acetophenone	ND		ug/kg	210	66.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
P-Chloro-M-Cresol	ND		ug/kg	210	62.	1
2-Chlorophenol	ND		ug/kg	210	65.	1
2,4-Dichlorophenol	ND		ug/kg	190	70.	1
2,4-Dimethylphenol	ND		ug/kg	210	64.	1
2-Nitrophenol	ND		ug/kg	460	67.	1
4-Nitrophenol	ND		ug/kg	300	70.	1
2,4-Dinitrophenol	ND		ug/kg	1000	290	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	78.	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	64.	1
2-Methylphenol	ND		ug/kg	210	69.	1
3-Methylphenol/4-Methylphenol	1100		ug/kg	310	70.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	70.	1
Benzoic Acid	ND		ug/kg	700	220	1
Benzyl Alcohol	ND		ug/kg	210	66.	1
Carbazole	ND		ug/kg	210	46.	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-15
 Client ID: SB-8 (4-6)
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 12:50
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatiles by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	72		18-120

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-17
Client ID: SB-2 (0-2)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/15 20:06
Analyst: KR
Percent Solids: 87%

Date Collected: 09/28/15 13:45
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 02:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	160		ug/kg	150	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	62.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	53.	1
2-Chloronaphthalene	ND		ug/kg	190	62.	1
1,2-Dichlorobenzene	ND		ug/kg	190	62.	1
1,3-Dichlorobenzene	ND		ug/kg	190	59.	1
1,4-Dichlorobenzene	ND		ug/kg	190	57.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	48.	1
Fluoranthene	2100		ug/kg	110	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	57.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	43.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	66.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	57.	1
Hexachlorobutadiene	ND		ug/kg	190	53.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	50.	1
Naphthalene	74	J	ug/kg	190	63.	1
Nitrobenzene	ND		ug/kg	170	45.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	56.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	49.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	46.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-17
 Client ID: SB-2 (0-2)
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 13:45
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	680		ug/kg	110	37.	1
Benzo(a)pyrene	910		ug/kg	150	46.	1
Benzo(b)fluoranthene	1100		ug/kg	110	38.	1
Benzo(k)fluoranthene	390		ug/kg	110	36.	1
Chrysene	880		ug/kg	110	37.	1
Acenaphthylene	380		ug/kg	150	35.	1
Anthracene	460		ug/kg	110	31.	1
Benzo(ghi)perylene	610		ug/kg	150	39.	1
Fluorene	180	J	ug/kg	190	54.	1
Phenanthrene	1900		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	150		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	630		ug/kg	150	42.	1
Pyrene	1900		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	430	62.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	53.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	51.	1
Dibenzofuran	78	J	ug/kg	190	63.	1
2-Methylnaphthalene	ND		ug/kg	230	60.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	58.	1
Acetophenone	ND		ug/kg	190	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	55.	1
2-Chlorophenol	ND		ug/kg	190	57.	1
2,4-Dichlorophenol	ND		ug/kg	170	61.	1
2,4-Dimethylphenol	ND		ug/kg	190	56.	1
2-Nitrophenol	ND		ug/kg	410	59.	1
4-Nitrophenol	ND		ug/kg	260	61.	1
2,4-Dinitrophenol	ND		ug/kg	900	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	69.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	190	56.	1
2-Methylphenol	ND		ug/kg	190	61.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	62.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	61.	1
Benzoic Acid	230	J	ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	150	J	ug/kg	190	40.	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-17
 Client ID: SB-2 (0-2)
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 13:45
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	59		18-120

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-19
Client ID: SB-2 (4-6)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/05/15 20:32
Analyst: KR
Percent Solids: 79%

Date Collected: 09/28/15 13:20
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 02:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	55	J	ug/kg	170	44.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	69.	1
Hexachlorobenzene	ND		ug/kg	130	39.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	59.	1
2-Chloronaphthalene	ND		ug/kg	210	69.	1
1,2-Dichlorobenzene	ND		ug/kg	210	69.	1
1,3-Dichlorobenzene	ND		ug/kg	210	67.	1
1,4-Dichlorobenzene	ND		ug/kg	210	64.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	46.	1
2,6-Dinitrotoluene	ND		ug/kg	210	54.	1
Fluoranthene	3100		ug/kg	130	39.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	64.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	49.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	74.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	64.	1
Hexachlorobutadiene	ND		ug/kg	210	60.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	140	1
Hexachloroethane	ND		ug/kg	170	38.	1
Isophorone	ND		ug/kg	190	56.	1
Naphthalene	260		ug/kg	210	70.	1
Nitrobenzene	ND		ug/kg	190	50.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	170	44.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	63.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	210	55.	1
Butyl benzyl phthalate	ND		ug/kg	210	41.	1
Di-n-butylphthalate	ND		ug/kg	210	41.	1
Di-n-octylphthalate	ND		ug/kg	210	52.	1
Diethyl phthalate	ND		ug/kg	210	45.	1
Dimethyl phthalate	ND		ug/kg	210	54.	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-19
 Client ID: SB-2 (4-6)
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 13:20
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	1500		ug/kg	130	41.	1
Benzo(a)pyrene	2000		ug/kg	170	52.	1
Benzo(b)fluoranthene	2600		ug/kg	130	43.	1
Benzo(k)fluoranthene	950		ug/kg	130	40.	1
Chrysene	1900		ug/kg	130	42.	1
Acenaphthylene	510		ug/kg	170	40.	1
Anthracene	370		ug/kg	130	35.	1
Benzo(ghi)perylene	1400		ug/kg	170	44.	1
Fluorene	140	J	ug/kg	210	60.	1
Phenanthrene	1700		ug/kg	130	41.	1
Dibenzo(a,h)anthracene	450		ug/kg	130	41.	1
Indeno(1,2,3-cd)Pyrene	1400		ug/kg	170	47.	1
Pyrene	2700		ug/kg	130	41.	1
Biphenyl	ND		ug/kg	480	70.	1
4-Chloroaniline	ND		ug/kg	210	56.	1
2-Nitroaniline	ND		ug/kg	210	60.	1
3-Nitroaniline	ND		ug/kg	210	58.	1
4-Nitroaniline	ND		ug/kg	210	57.	1
Dibenzofuran	140	J	ug/kg	210	70.	1
2-Methylnaphthalene	87	J	ug/kg	250	68.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	65.	1
Acetophenone	ND		ug/kg	210	66.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
P-Chloro-M-Cresol	ND		ug/kg	210	61.	1
2-Chlorophenol	ND		ug/kg	210	64.	1
2,4-Dichlorophenol	ND		ug/kg	190	68.	1
2,4-Dimethylphenol	ND		ug/kg	210	63.	1
2-Nitrophenol	ND		ug/kg	460	66.	1
4-Nitrophenol	ND		ug/kg	300	68.	1
2,4-Dinitrophenol	ND		ug/kg	1000	290	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	77.	1
Pentachlorophenol	ND		ug/kg	170	45.	1
Phenol	ND		ug/kg	210	62.	1
2-Methylphenol	ND		ug/kg	210	68.	1
3-Methylphenol/4-Methylphenol	100	J	ug/kg	300	69.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	68.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	65.	1
Carbazole	240		ug/kg	210	45.	1

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS**

Lab ID: L1524249-19

Date Collected: 09/28/15 13:20

Client ID: SB-2 (4-6)

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	63		18-120

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-21
Client ID: SB-3 (0-2)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/06/15 09:42
Analyst: KR
Percent Solids: 82%

Date Collected: 09/28/15 14:40
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 02:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	560		ug/kg	160	41.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	66.	1
Hexachlorobenzene	ND		ug/kg	120	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	56.	1
2-Chloronaphthalene	ND		ug/kg	200	66.	1
1,2-Dichlorobenzene	ND		ug/kg	200	66.	1
1,3-Dichlorobenzene	ND		ug/kg	200	63.	1
1,4-Dichlorobenzene	ND		ug/kg	200	61.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	43.	1
2,6-Dinitrotoluene	ND		ug/kg	200	52.	1
Fluoranthene	5600		ug/kg	120	37.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	61.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	71.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	61.	1
Hexachlorobutadiene	ND		ug/kg	200	57.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	130	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	54.	1
Naphthalene	490		ug/kg	200	67.	1
Nitrobenzene	ND		ug/kg	180	48.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	42.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	60.	1
Bis(2-Ethylhexyl)phthalate	1600		ug/kg	200	53.	1
Butyl benzyl phthalate	ND		ug/kg	200	39.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	50.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	51.	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-21

Date Collected: 09/28/15 14:40

Client ID: SB-3 (0-2)

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	2400		ug/kg	120	39.	1
Benzo(a)pyrene	2300		ug/kg	160	49.	1
Benzo(b)fluoranthene	2700		ug/kg	120	41.	1
Benzo(k)fluoranthene	1200		ug/kg	120	38.	1
Chrysene	2600		ug/kg	120	40.	1
Acenaphthylene	190		ug/kg	160	38.	1
Anthracene	1000		ug/kg	120	33.	1
Benzo(ghi)perylene	1400		ug/kg	160	42.	1
Fluorene	500		ug/kg	200	58.	1
Phenanthrene	5000		ug/kg	120	39.	1
Dibenzo(a,h)anthracene	340		ug/kg	120	39.	1
Indeno(1,2,3-cd)Pyrene	1500		ug/kg	160	45.	1
Pyrene	5300		ug/kg	120	39.	1
Biphenyl	ND		ug/kg	460	66.	1
4-Chloroaniline	ND		ug/kg	200	53.	1
2-Nitroaniline	ND		ug/kg	200	57.	1
3-Nitroaniline	ND		ug/kg	200	56.	1
4-Nitroaniline	ND		ug/kg	200	54.	1
Dibenzofuran	340		ug/kg	200	67.	1
2-Methylnaphthalene	190	J	ug/kg	240	64.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	62.	1
Acetophenone	ND		ug/kg	200	62.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
P-Chloro-M-Cresol	ND		ug/kg	200	58.	1
2-Chlorophenol	ND		ug/kg	200	61.	1
2,4-Dichlorophenol	ND		ug/kg	180	65.	1
2,4-Dimethylphenol	ND		ug/kg	200	60.	1
2-Nitrophenol	ND		ug/kg	430	63.	1
4-Nitrophenol	ND		ug/kg	280	65.	1
2,4-Dinitrophenol	ND		ug/kg	960	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	74.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	60.	1
2-Methylphenol	ND		ug/kg	200	65.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	66.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	65.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	490		ug/kg	200	43.	1

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS**

Lab ID: L1524249-21

Date Collected: 09/28/15 14:40

Client ID: SB-3 (0-2)

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	74		18-120

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-23
Client ID: SB-3 (4-6)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/06/15 10:07
Analyst: KR
Percent Solids: 90%

Date Collected: 09/28/15 14:50
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	60.	1
Hexachlorobenzene	ND		ug/kg	110	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	52.	1
2-Chloronaphthalene	ND		ug/kg	180	60.	1
1,2-Dichlorobenzene	ND		ug/kg	180	60.	1
1,3-Dichlorobenzene	ND		ug/kg	180	58.	1
1,4-Dichlorobenzene	ND		ug/kg	180	56.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	40.	1
2,6-Dinitrotoluene	ND		ug/kg	180	47.	1
Fluoranthene	530		ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	56.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	42.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	65.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	56.	1
Hexachlorobutadiene	ND		ug/kg	180	52.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	160	49.	1
Naphthalene	ND		ug/kg	180	61.	1
Nitrobenzene	ND		ug/kg	160	44.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	39.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	55.	1
Bis(2-Ethylhexyl)phthalate	660		ug/kg	180	48.	1
Butyl benzyl phthalate	ND		ug/kg	180	36.	1
Di-n-butylphthalate	ND		ug/kg	180	36.	1
Di-n-octylphthalate	ND		ug/kg	180	45.	1
Diethyl phthalate	ND		ug/kg	180	39.	1
Dimethyl phthalate	ND		ug/kg	180	47.	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-23
Client ID: SB-3 (4-6)
Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 14:50
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	280		ug/kg	110	36.	1
Benzo(a)pyrene	260		ug/kg	150	45.	1
Benzo(b)fluoranthene	300		ug/kg	110	37.	1
Benzo(k)fluoranthene	120		ug/kg	110	35.	1
Chrysene	300		ug/kg	110	36.	1
Acenaphthylene	ND		ug/kg	150	34.	1
Anthracene	89	J	ug/kg	110	31.	1
Benzo(ghi)perylene	160		ug/kg	150	38.	1
Fluorene	ND		ug/kg	180	53.	1
Phenanthrene	390		ug/kg	110	36.	1
Dibenzo(a,h)anthracene	42	J	ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	150		ug/kg	150	41.	1
Pyrene	540		ug/kg	110	36.	1
Biphenyl	ND		ug/kg	420	61.	1
4-Chloroaniline	ND		ug/kg	180	49.	1
2-Nitroaniline	ND		ug/kg	180	52.	1
3-Nitroaniline	ND		ug/kg	180	51.	1
4-Nitroaniline	ND		ug/kg	180	50.	1
Dibenzofuran	ND		ug/kg	180	62.	1
2-Methylnaphthalene	ND		ug/kg	220	59.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	57.	1
Acetophenone	ND		ug/kg	180	57.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
P-Chloro-M-Cresol	ND		ug/kg	180	53.	1
2-Chlorophenol	ND		ug/kg	180	56.	1
2,4-Dichlorophenol	ND		ug/kg	160	60.	1
2,4-Dimethylphenol	ND		ug/kg	180	55.	1
2-Nitrophenol	ND		ug/kg	400	57.	1
4-Nitrophenol	ND		ug/kg	260	60.	1
2,4-Dinitrophenol	ND		ug/kg	880	250	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	67.	1
Pentachlorophenol	ND		ug/kg	150	39.	1
Phenol	ND		ug/kg	180	54.	1
2-Methylphenol	ND		ug/kg	180	59.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	60.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	60.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	40.	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-23
 Client ID: SB-3 (4-6)
 Sample Location: BROOKLYN, NY

Date Collected: 09/28/15 14:50
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	47		10-136
4-Terphenyl-d14	55		18-120

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-25
Client ID: GW-2
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/04/15 20:27
Analyst: MY

Date Collected: 09/29/15 08:45
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	ND		ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	0.95	J	ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-25
Client ID: GW-2
Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 08:45
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	97		10-120
4-Terphenyl-d14	97		41-149

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-25
 Client ID: GW-2
 Sample Location: BROOKLYN, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/03/15 21:07
 Analyst: KV

Date Collected: 09/29/15 08:45
 Date Received: 09/29/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 10/02/15 18:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.10	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	0.05	J	ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	0.18	J	ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	0.05	J	ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	ND		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	0.05	J	ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.04	1
Pyrene	0.09	J	ug/l	0.20	0.04	1
2-Methylnaphthalene	0.16	J	ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-25
 Client ID: GW-2
 Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 08:45
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	88		41-149

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-26
Client ID: GW-3
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/04/15 20:52
Analyst: MY

Date Collected: 09/29/15 11:30
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	ND		ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-26
Client ID: GW-3
Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 11:30
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	92		41-149

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-26
Client ID: GW-3
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/03/15 21:38
Analyst: KV

Date Collected: 09/29/15 11:30
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 18:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.11	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	ND		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	0.08	J	ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.04	1
Pyrene	0.09	J	ug/l	0.20	0.04	1
2-Methylnaphthalene	0.10	J	ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS**

Lab ID: L1524249-26

Date Collected: 09/29/15 11:30

Client ID: GW-3

Date Received: 09/29/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	79		41-149

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-27
Client ID: GW-5
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/04/15 21:18
Analyst: MY

Date Collected: 09/29/15 12:10
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	ND		ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	1.2	J	ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-27
Client ID: GW-5
Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 12:10
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	97		10-120
4-Terphenyl-d14	93		41-149

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-27
 Client ID: GW-5
 Sample Location: BROOKLYN, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/03/15 22:11
 Analyst: KV

Date Collected: 09/29/15 12:10
 Date Received: 09/29/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 10/02/15 18:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.19	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	ND		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	0.31		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.04	1
Pyrene	0.17	J	ug/l	0.20	0.04	1
2-Methylnaphthalene	0.10	J	ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-27
 Client ID: GW-5
 Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 12:10
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	95		15-120
2,4,6-Tribromophenol	113		10-120
4-Terphenyl-d14	96		41-149

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-28
Client ID: GW-1
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/04/15 21:43
Analyst: MY

Date Collected: 09/29/15 12:50
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	ND		ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-28
Client ID: GW-1
Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 12:50
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	3.0	J	ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	79		41-149

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-28
Client ID: GW-1
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/04/15 17:52
Analyst: KV

Date Collected: 09/29/15 12:50
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 18:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	ND		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	ND		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.04	1
Pyrene	ND		ug/l	0.20	0.04	1
2-Methylnaphthalene	0.12	J	ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-28
 Client ID: GW-1
 Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 12:50
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatiles by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	121	Q	10-120
4-Terphenyl-d14	88		41-149

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-29
Client ID: SB-5 (0-2)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/06/15 10:32
Analyst: KR
Percent Solids: 71%

Date Collected: 09/29/15 10:20
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	190	50.	1
1,2,4-Trichlorobenzene	ND		ug/kg	240	79.	1
Hexachlorobenzene	ND		ug/kg	140	45.	1
Bis(2-chloroethyl)ether	ND		ug/kg	220	68.	1
2-Chloronaphthalene	ND		ug/kg	240	78.	1
1,2-Dichlorobenzene	ND		ug/kg	240	79.	1
1,3-Dichlorobenzene	ND		ug/kg	240	76.	1
1,4-Dichlorobenzene	ND		ug/kg	240	73.	1
3,3'-Dichlorobenzidine	ND		ug/kg	240	64.	1
2,4-Dinitrotoluene	ND		ug/kg	240	52.	1
2,6-Dinitrotoluene	ND		ug/kg	240	62.	1
Fluoranthene	560		ug/kg	140	44.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	240	73.	1
4-Bromophenyl phenyl ether	ND		ug/kg	240	55.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	290	85.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	260	73.	1
Hexachlorobutadiene	ND		ug/kg	240	68.	1
Hexachlorocyclopentadiene	ND		ug/kg	690	150	1
Hexachloroethane	ND		ug/kg	190	44.	1
Isophorone	ND		ug/kg	220	64.	1
Naphthalene	ND		ug/kg	240	80.	1
Nitrobenzene	ND		ug/kg	220	57.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	190	50.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	240	72.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	240	63.	1
Butyl benzyl phthalate	ND		ug/kg	240	47.	1
Di-n-butylphthalate	ND		ug/kg	240	46.	1
Di-n-octylphthalate	ND		ug/kg	240	59.	1
Diethyl phthalate	ND		ug/kg	240	51.	1
Dimethyl phthalate	ND		ug/kg	240	61.	1

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-29
Client ID: SB-5 (0-2)
Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 10:20
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	250		ug/kg	140	47.	1
Benzo(a)pyrene	270		ug/kg	190	59.	1
Benzo(b)fluoranthene	320		ug/kg	140	49.	1
Benzo(k)fluoranthene	120	J	ug/kg	140	46.	1
Chrysene	270		ug/kg	140	47.	1
Acenaphthylene	ND		ug/kg	190	45.	1
Anthracene	75	J	ug/kg	140	40.	1
Benzo(ghi)perylene	160	J	ug/kg	190	50.	1
Fluorene	ND		ug/kg	240	69.	1
Phenanthrene	350		ug/kg	140	47.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	47.	1
Indeno(1,2,3-cd)Pyrene	170	J	ug/kg	190	53.	1
Pyrene	520		ug/kg	140	47.	1
Biphenyl	ND		ug/kg	550	79.	1
4-Chloroaniline	ND		ug/kg	240	64.	1
2-Nitroaniline	ND		ug/kg	240	68.	1
3-Nitroaniline	ND		ug/kg	240	66.	1
4-Nitroaniline	ND		ug/kg	240	65.	1
Dibenzofuran	ND		ug/kg	240	80.	1
2-Methylnaphthalene	ND		ug/kg	290	77.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	240	75.	1
Acetophenone	ND		ug/kg	240	75.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	45.	1
P-Chloro-M-Cresol	ND		ug/kg	240	70.	1
2-Chlorophenol	ND		ug/kg	240	73.	1
2,4-Dichlorophenol	ND		ug/kg	220	78.	1
2,4-Dimethylphenol	ND		ug/kg	240	72.	1
2-Nitrophenol	ND		ug/kg	520	75.	1
4-Nitrophenol	ND		ug/kg	340	78.	1
2,4-Dinitrophenol	ND		ug/kg	1200	330	1
4,6-Dinitro-o-cresol	ND		ug/kg	630	88.	1
Pentachlorophenol	ND		ug/kg	190	52.	1
Phenol	ND		ug/kg	240	71.	1
2-Methylphenol	ND		ug/kg	240	78.	1
3-Methylphenol/4-Methylphenol	79	J	ug/kg	350	79.	1
2,4,5-Trichlorophenol	ND		ug/kg	240	78.	1
Benzoic Acid	ND		ug/kg	780	240	1
Benzyl Alcohol	ND		ug/kg	240	74.	1
Carbazole	ND		ug/kg	240	52.	1

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS**

Lab ID: L1524249-29

Date Collected: 09/29/15 10:20

Client ID: SB-5 (0-2)

Date Received: 09/29/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		25-120
Phenol-d6	36		10-120
Nitrobenzene-d5	37		23-120
2-Fluorobiphenyl	38		30-120
2,4,6-Tribromophenol	39		10-136
4-Terphenyl-d14	36		18-120

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-31
 Client ID: SB-5 (4-6)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/06/15 10:57
 Analyst: MY
 Percent Solids: 83%

Date Collected: 09/29/15 10:30
 Date Received: 09/29/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/03/15 11:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	41.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	65.	1
Hexachlorobenzene	ND		ug/kg	120	37.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	55.	1
2-Chloronaphthalene	ND		ug/kg	200	64.	1
1,2-Dichlorobenzene	ND		ug/kg	200	65.	1
1,3-Dichlorobenzene	ND		ug/kg	200	62.	1
1,4-Dichlorobenzene	ND		ug/kg	200	60.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	43.	1
2,6-Dinitrotoluene	ND		ug/kg	200	50.	1
Fluoranthene	ND		ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	60.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	45.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	70.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	60.	1
Hexachlorobutadiene	ND		ug/kg	200	56.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	130	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	52.	1
Naphthalene	ND		ug/kg	200	66.	1
Nitrobenzene	ND		ug/kg	180	47.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	59.	1
Bis(2-Ethylhexyl)phthalate	130	J	ug/kg	200	52.	1
Butyl benzyl phthalate	ND		ug/kg	200	39.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	48.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	50.	1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-31

Date Collected: 09/29/15 10:30

Client ID: SB-5 (4-6)

Date Received: 09/29/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	120	39.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	40.	1
Benzo(k)fluoranthene	ND		ug/kg	120	38.	1
Chrysene	ND		ug/kg	120	39.	1
Acenaphthylene	ND		ug/kg	160	37.	1
Anthracene	ND		ug/kg	120	33.	1
Benzo(ghi)perylene	ND		ug/kg	160	41.	1
Fluorene	ND		ug/kg	200	57.	1
Phenanthrene	ND		ug/kg	120	39.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	38.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	44.	1
Pyrene	ND		ug/kg	120	38.	1
Biphenyl	ND		ug/kg	450	65.	1
4-Chloroaniline	ND		ug/kg	200	52.	1
2-Nitroaniline	ND		ug/kg	200	56.	1
3-Nitroaniline	ND		ug/kg	200	54.	1
4-Nitroaniline	ND		ug/kg	200	53.	1
Dibenzofuran	ND		ug/kg	200	66.	1
2-Methylnaphthalene	ND		ug/kg	240	63.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	61.	1
Acetophenone	ND		ug/kg	200	61.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
P-Chloro-M-Cresol	ND		ug/kg	200	57.	1
2-Chlorophenol	ND		ug/kg	200	60.	1
2,4-Dichlorophenol	ND		ug/kg	180	64.	1
2,4-Dimethylphenol	ND		ug/kg	200	59.	1
2-Nitrophenol	ND		ug/kg	430	62.	1
4-Nitrophenol	ND		ug/kg	280	64.	1
2,4-Dinitrophenol	ND		ug/kg	950	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	72.	1
Pentachlorophenol	ND		ug/kg	160	42.	1
Phenol	ND		ug/kg	200	58.	1
2-Methylphenol	ND		ug/kg	200	64.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	65.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	64.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	42.	1

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS**

Lab ID: L1524249-31

Date Collected: 09/29/15 10:30

Client ID: SB-5 (4-6)

Date Received: 09/29/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	97		18-120

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/04/15 16:37
Analyst: MY

Extraction Method: EPA 3510C
Extraction Date: 10/02/15 18:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 25-28 Batch: WG827427-1					
Acenaphthene	ND		ug/l	2.0	0.28
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21
Hexachlorobenzene	ND		ug/l	2.0	0.40
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41
2-Chloronaphthalene	ND		ug/l	2.0	0.46
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89
Fluoranthene	ND		ug/l	2.0	0.40
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60
Hexachlorobutadiene	ND		ug/l	2.0	0.42
Hexachlorocyclopentadiene	ND		ug/l	20	0.58
Hexachloroethane	ND		ug/l	2.0	0.30
Isophorone	ND		ug/l	5.0	0.79
Naphthalene	ND		ug/l	2.0	0.33
Nitrobenzene	ND		ug/l	2.0	0.40
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93
Butyl benzyl phthalate	ND		ug/l	5.0	1.1
Di-n-butylphthalate	ND		ug/l	5.0	0.77
Di-n-octylphthalate	ND		ug/l	5.0	1.2
Diethyl phthalate	ND		ug/l	5.0	0.39

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/04/15 16:37
Analyst: MY

Extraction Method: EPA 3510C
Extraction Date: 10/02/15 18:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 25-28 Batch: WG827427-1					
Dimethyl phthalate	ND		ug/l	5.0	0.33
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Chrysene	ND		ug/l	2.0	0.30
Acenaphthylene	ND		ug/l	2.0	0.37
Anthracene	ND		ug/l	2.0	0.20
Benzo(ghi)perylene	ND		ug/l	2.0	0.57
Fluorene	ND		ug/l	2.0	0.32
Phenanthrene	ND		ug/l	2.0	0.23
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Pyrene	ND		ug/l	2.0	0.52
Biphenyl	ND		ug/l	2.0	0.24
4-Chloroaniline	ND		ug/l	5.0	0.84
2-Nitroaniline	ND		ug/l	5.0	0.96
3-Nitroaniline	ND		ug/l	5.0	0.67
4-Nitroaniline	ND		ug/l	5.0	0.83
Dibenzofuran	ND		ug/l	2.0	0.22
2-Methylnaphthalene	ND		ug/l	2.0	0.36
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36
Acetophenone	ND		ug/l	5.0	0.43
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54
2-Chlorophenol	ND		ug/l	2.0	0.58
2,4-Dichlorophenol	ND		ug/l	5.0	0.56
2,4-Dimethylphenol	ND		ug/l	5.0	0.58
2-Nitrophenol	ND		ug/l	10	1.0

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
 Analytical Date: 10/04/15 16:37
 Analyst: MY

Extraction Method: EPA 3510C
 Extraction Date: 10/02/15 18:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 25-28 Batch: WG827427-1					
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4
Pentachlorophenol	ND		ug/l	10	3.2
Phenol	ND		ug/l	5.0	0.27
2-Methylphenol	ND		ug/l	5.0	0.70
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.68
Carbazole	ND		ug/l	2.0	0.37

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	86		41-149

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/03/15 15:22
Analyst: KV

Extraction Method: EPA 3510C
Extraction Date: 10/02/15 18:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 25-28 Batch: WG827431-1					
Acenaphthene	ND		ug/l	0.20	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.20	0.04
Benzo(a)anthracene	ND		ug/l	0.20	0.02
Benzo(a)pyrene	ND		ug/l	0.20	0.04
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04
Chrysene	ND		ug/l	0.20	0.04
Acenaphthylene	ND		ug/l	0.20	0.04
Anthracene	ND		ug/l	0.20	0.04
Benzo(ghi)perylene	ND		ug/l	0.20	0.04
Fluorene	ND		ug/l	0.20	0.04
Phenanthrene	ND		ug/l	0.20	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.04
Pyrene	ND		ug/l	0.20	0.04
2-Methylnaphthalene	ND		ug/l	0.20	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D-SIM
 Analytical Date: 10/03/15 15:22
 Analyst: KV

Extraction Method: EPA 3510C
 Extraction Date: 10/02/15 18:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 25-28 Batch: WG827431-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	97		10-120
4-Terphenyl-d14	85		41-149

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/03/15 09:43
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 10/03/15 02:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29 Batch: WG827494-1					
Acenaphthene	ND		ug/kg	130	33.
Benzidine	ND		ug/kg	540	130
n-Nitrosodimethylamine	ND		ug/kg	320	52.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	49.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Azobenzene	ND		ug/kg	160	43.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/03/15 09:43
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 10/03/15 02:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29 Batch: WG827494-1					
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	97	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	33.
Benzo(k)fluoranthene	ND		ug/kg	97	31.
Chrysene	ND		ug/kg	97	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	97	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	97	32.
Dibenzo(a,h)anthracene	ND		ug/kg	97	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	97	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
P-Chloro-M-Cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/03/15 09:43
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 10/03/15 02:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29 Batch: WG827494-1					
2,4-Dichlorophenol	ND		ug/kg	150	52.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	52.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	52.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	210	66.
Caprolactam	ND		ug/kg	160	45.
Atrazine	ND		ug/kg	130	37.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	28.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	68		18-120

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/04/15 15:21
Analyst: MY

Extraction Method: EPA 3546
Extraction Date: 10/03/15 11:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG827571-1					
Acenaphthene	ND		ug/kg	130	34.
1,2,4-Trichlorobenzene	ND		ug/kg	160	54.
Hexachlorobenzene	ND		ug/kg	99	31.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	54.
1,2-Dichlorobenzene	ND		ug/kg	160	54.
1,3-Dichlorobenzene	ND		ug/kg	160	52.
1,4-Dichlorobenzene	ND		ug/kg	160	50.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	99	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	160	55.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	35.

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/04/15 15:21
Analyst: MY

Extraction Method: EPA 3546
Extraction Date: 10/03/15 11:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG827571-1					
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	99	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	33.
Benzo(k)fluoranthene	ND		ug/kg	99	31.
Chrysene	ND		ug/kg	99	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	99	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	99	32.
Dibenzo(a,h)anthracene	ND		ug/kg	99	32.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	99	32.
Biphenyl	ND		ug/kg	380	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
P-Chloro-M-Cresol	ND		ug/kg	160	48.
2-Chlorophenol	ND		ug/kg	160	50.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	360	51.

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 10/04/15 15:21
Analyst: MY

Extraction Method: EPA 3546
Extraction Date: 10/03/15 11:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG827571-1					
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	790	220
4,6-Dinitro-o-cresol	ND		ug/kg	430	60.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	49.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	35.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	68		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 25-28 Batch: WG827427-2 WG827427-3								
Acenaphthene	66		77		37-111	15		30
1,2,4-Trichlorobenzene	46		59		39-98	25		30
Hexachlorobenzene	75		82		40-140	9		30
Bis(2-chloroethyl)ether	54		67		40-140	21		30
2-Chloronaphthalene	61		72		40-140	17		30
1,2-Dichlorobenzene	44		53		40-140	19		30
1,3-Dichlorobenzene	42		50		40-140	17		30
1,4-Dichlorobenzene	42		52		36-97	21		30
3,3'-Dichlorobenzidine	54		55		40-140	2		30
2,4-Dinitrotoluene	74		82		24-96	10		30
2,6-Dinitrotoluene	72		78		40-140	8		30
Fluoranthene	73		79		40-140	8		30
4-Chlorophenyl phenyl ether	72		80		40-140	11		30
4-Bromophenyl phenyl ether	79		85		40-140	7		30
Bis(2-chloroisopropyl)ether	53		67		40-140	23		30
Bis(2-chloroethoxy)methane	60		73		40-140	20		30
Hexachlorobutadiene	42		56		40-140	29		30
Hexachlorocyclopentadiene	36	Q	47		40-140	27		30
Hexachloroethane	39	Q	49		40-140	23		30
Isophorone	63		76		40-140	19		30
Naphthalene	50		62		40-140	21		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 25-28 Batch: WG827427-2 WG827427-3								
Nitrobenzene	59		72		40-140	20		30
NitrosoDiPhenylAmine(NDPA)/DPA	73		81		40-140	10		30
n-Nitrosodi-n-propylamine	62		76		29-132	20		30
Bis(2-Ethylhexyl)phthalate	68		75		40-140	10		30
Butyl benzyl phthalate	70		77		40-140	10		30
Di-n-butylphthalate	70		76		40-140	8		30
Di-n-octylphthalate	63		70		40-140	11		30
Diethyl phthalate	76		84		40-140	10		30
Dimethyl phthalate	72		78		40-140	8		30
Benzo(a)anthracene	65		71		40-140	9		30
Benzo(a)pyrene	67		73		40-140	9		30
Benzo(b)fluoranthene	66		71		40-140	7		30
Benzo(k)fluoranthene	68		74		40-140	8		30
Chrysene	66		72		40-140	9		30
Acenaphthylene	64		73		45-123	13		30
Anthracene	69		76		40-140	10		30
Benzo(ghi)perylene	67		73		40-140	9		30
Fluorene	72		80		40-140	11		30
Phenanthrene	68		75		40-140	10		30
Dibenzo(a,h)anthracene	66		70		40-140	6		30
Indeno(1,2,3-cd)Pyrene	64		70		40-140	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 25-28 Batch: WG827427-2 WG827427-3								
Pyrene	71		77		26-127	8		30
Biphenyl	65		79		54-104	19		30
4-Chloroaniline	47		52		40-140	10		30
2-Nitroaniline	70		75		52-143	7		30
3-Nitroaniline	56		56		25-145	0		30
4-Nitroaniline	71		78		51-143	9		30
Dibenzofuran	68		78		40-140	14		30
2-Methylnaphthalene	55		68		40-140	21		30
1,2,4,5-Tetrachlorobenzene	60		72		2-134	18		30
Acetophenone	61		74		39-129	19		30
2,4,6-Trichlorophenol	66		78		30-130	17		30
P-Chloro-M-Cresol	69		78		23-97	12		30
2-Chlorophenol	53		65		27-123	20		30
2,4-Dichlorophenol	61		74		30-130	19		30
2,4-Dimethylphenol	61		71		30-130	15		30
2-Nitrophenol	55		68		30-130	21		30
4-Nitrophenol	49		56		10-80	13		30
2,4-Dinitrophenol	63		70		20-130	11		30
4,6-Dinitro-o-cresol	70		82		20-164	16		30
Pentachlorophenol	67		73		9-103	9		30
Phenol	30		36		12-110	18		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524249

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 25-28 Batch: WG827427-2 WG827427-3								
2-Methylphenol	52		64		30-130	21		30
3-Methylphenol/4-Methylphenol	52		64		30-130	21		30
2,4,5-Trichlorophenol	68		76		30-130	11		30
Benzoic Acid	26		28		10-110	7		30
Benzyl Alcohol	49		60		15-110	20		30
Carbazole	71		80		55-144	12		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	37		47		21-120
Phenol-d6	28		35		10-120
Nitrobenzene-d5	57		69		23-120
2-Fluorobiphenyl	61		70		15-120
2,4,6-Tribromophenol	69		75		10-120
4-Terphenyl-d14	67		74		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 25-28 Batch: WG827431-2 WG827431-3								
Acenaphthene	88		75		37-111	16		40
2-Chloronaphthalene	85		74		40-140	14		40
Fluoranthene	97		83		40-140	16		40
Hexachlorobutadiene	68		62		40-140	9		40
Naphthalene	76		69		40-140	10		40
Benzo(a)anthracene	96		81		40-140	17		40
Benzo(a)pyrene	80		68		40-140	16		40
Benzo(b)fluoranthene	82		70		40-140	16		40
Benzo(k)fluoranthene	84		72		40-140	15		40
Chrysene	86		72		40-140	18		40
Acenaphthylene	96		83		40-140	15		40
Anthracene	92		80		40-140	14		40
Benzo(ghi)perylene	84		71		40-140	17		40
Fluorene	99		84		40-140	16		40
Phenanthrene	84		72		40-140	15		40
Dibenzo(a,h)anthracene	79		67		40-140	16		40
Indeno(1,2,3-cd)Pyrene	79		68		40-140	15		40
Pyrene	93		80		26-127	15		40
2-Methylnaphthalene	87		77		40-140	12		40
Pentachlorophenol	72		62		9-103	15		40
Hexachlorobenzene	92		79		40-140	15		40

Lab Control Sample Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 25-28 Batch: WG827431-2 WG827431-3								
Hexachloroethane	68		62		40-140	9		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		47		21-120
Phenol-d6	40		36		10-120
Nitrobenzene-d5	79		69		23-120
2-Fluorobiphenyl	82		70		15-120
2,4,6-Tribromophenol	98		81		10-120
4-Terphenyl-d14	84		70		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29 Batch: WG827494-2 WG827494-3								
Acenaphthene	67		75		31-137	11		50
Benzidine	58		59		10-66	2		50
n-Nitrosodimethylamine	54		60		22-100	11		50
1,2,4-Trichlorobenzene	66		73		38-107	10		50
Hexachlorobenzene	73		80		40-140	9		50
Bis(2-chloroethyl)ether	60		66		40-140	10		50
2-Chloronaphthalene	66		74		40-140	11		50
1,2-Dichlorobenzene	61		68		40-140	11		50
1,3-Dichlorobenzene	60		66		40-140	10		50
1,4-Dichlorobenzene	60		67		28-104	11		50
3,3'-Dichlorobenzidine	61		64		40-140	5		50
2,4-Dinitrotoluene	75		86		28-89	14		50
2,6-Dinitrotoluene	68		79		40-140	15		50
Fluoranthene	67		76		40-140	13		50
4-Chlorophenyl phenyl ether	70		78		40-140	11		50
4-Bromophenyl phenyl ether	74		82		40-140	10		50
Azobenzene	65		74		40-140	13		50
Bis(2-chloroisopropyl)ether	58		64		40-140	10		50
Bis(2-chloroethoxy)methane	62		70		40-117	12		50
Hexachlorobutadiene	68		75		40-140	10		50
Hexachlorocyclopentadiene	117		127		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29 Batch: WG827494-2 WG827494-3								
Hexachloroethane	61		70		40-140	14		50
Isophorone	62		70		40-140	12		50
Naphthalene	64		71		40-140	10		50
Nitrobenzene	67		75		40-140	11		50
NitrosoDiPhenylAmine(NDPA)/DPA	70		78		36-157	11		50
n-Nitrosodi-n-propylamine	62		69		32-121	11		50
Bis(2-Ethylhexyl)phthalate	68		76		40-140	11		50
Butyl benzyl phthalate	71		80		40-140	12		50
Di-n-butylphthalate	70		78		40-140	11		50
Di-n-octylphthalate	69		78		40-140	12		50
Diethyl phthalate	69		77		40-140	11		50
Dimethyl phthalate	70		78		40-140	11		50
Benzo(a)anthracene	68		77		40-140	12		50
Benzo(a)pyrene	69		78		40-140	12		50
Benzo(b)fluoranthene	67		77		40-140	14		50
Benzo(k)fluoranthene	65		77		40-140	17		50
Chrysene	66		75		40-140	13		50
Acenaphthylene	66		75		40-140	13		50
Anthracene	70		78		40-140	11		50
Benzo(ghi)perylene	69		78		40-140	12		50
Fluorene	68		77		40-140	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29 Batch: WG827494-2 WG827494-3								
Phenanthrene	67		75		40-140	11		50
Dibenzo(a,h)anthracene	73		83		40-140	13		50
Indeno(1,2,3-cd)Pyrene	70		79		40-140	12		50
Pyrene	67		76		35-142	13		50
Biphenyl	69		77		54-104	11		50
4-Chloroaniline	67		73		40-140	9		50
2-Nitroaniline	70		80		47-134	13		50
3-Nitroaniline	62		69		26-129	11		50
4-Nitroaniline	71		79		41-125	11		50
Dibenzofuran	68		77		40-140	12		50
2-Methylnaphthalene	65		71		40-140	9		50
1,2,4,5-Tetrachlorobenzene	71		78		40-117	9		50
Acetophenone	65		72		14-144	10		50
2,4,6-Trichlorophenol	80		90		30-130	12		50
P-Chloro-M-Cresol	72		81		26-103	12		50
2-Chlorophenol	67		75		25-102	11		50
2,4-Dichlorophenol	74		84		30-130	13		50
2,4-Dimethylphenol	71		81		30-130	13		50
2-Nitrophenol	71		80		30-130	12		50
4-Nitrophenol	72		82		11-114	13		50
2,4-Dinitrophenol	67		106		4-130	45		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29 Batch: WG827494-2 WG827494-3								
4,6-Dinitro-o-cresol	90		103		10-130	13		50
Pentachlorophenol	71		82		17-109	14		50
Phenol	63		71		26-90	12		50
2-Methylphenol	65		72		30-130.	10		50
3-Methylphenol/4-Methylphenol	65		74		30-130	13		50
2,4,5-Trichlorophenol	73		83		30-130	13		50
Benzoic Acid	39		63		10-66	47		50
Benzyl Alcohol	67		75		40-140	11		50
Carbazole	69		77		54-128	11		50
Benzaldehyde	62		68		40-140	9		50
Caprolactam	71		80		15-130	12		50
Atrazine	78		84		40-140	7		50
2,3,4,6-Tetrachlorophenol	77		86		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		73		25-120
Phenol-d6	70		76		10-120
Nitrobenzene-d5	71		76		23-120
2-Fluorobiphenyl	70		76		30-120
2,4,6-Tribromophenol	85		93		10-136
4-Terphenyl-d14	72		79		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG827571-2 WG827571-3								
Acenaphthene	68		77		31-137	12		50
1,2,4-Trichlorobenzene	69		77		38-107	11		50
Hexachlorobenzene	72		81		40-140	12		50
Bis(2-chloroethyl)ether	73		73		40-140	0		50
2-Chloronaphthalene	72		82		40-140	13		50
1,2-Dichlorobenzene	67		72		40-140	7		50
1,3-Dichlorobenzene	69		72		40-140	4		50
1,4-Dichlorobenzene	69		72		28-104	4		50
3,3'-Dichlorobenzidine	56		64		40-140	13		50
2,4-Dinitrotoluene	70		80		28-89	13		50
2,6-Dinitrotoluene	73		82		40-140	12		50
Fluoranthene	73		83		40-140	13		50
4-Chlorophenyl phenyl ether	70		78		40-140	11		50
4-Bromophenyl phenyl ether	71		81		40-140	13		50
Bis(2-chloroisopropyl)ether	71		77		40-140	8		50
Bis(2-chloroethoxy)methane	75		80		40-117	6		50
Hexachlorobutadiene	69		75		40-140	8		50
Hexachlorocyclopentadiene	63		73		40-140	15		50
Hexachloroethane	68		70		40-140	3		50
Isophorone	79		84		40-140	6		50
Naphthalene	68		77		40-140	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG827571-2 WG827571-3								
Nitrobenzene	72		80		40-140	11		50
NitrosoDiPhenylAmine(NDPA)/DPA	70		81		36-157	15		50
n-Nitrosodi-n-propylamine	79		84		32-121	6		50
Bis(2-Ethylhexyl)phthalate	72		81		40-140	12		50
Butyl benzyl phthalate	70		81		40-140	15		50
Di-n-butylphthalate	70		79		40-140	12		50
Di-n-octylphthalate	70		78		40-140	11		50
Diethyl phthalate	71		82		40-140	14		50
Dimethyl phthalate	68		77		40-140	12		50
Benzo(a)anthracene	71		79		40-140	11		50
Benzo(a)pyrene	73		82		40-140	12		50
Benzo(b)fluoranthene	72		80		40-140	11		50
Benzo(k)fluoranthene	74		83		40-140	11		50
Chrysene	72		81		40-140	12		50
Acenaphthylene	70		79		40-140	12		50
Anthracene	70		80		40-140	13		50
Benzo(ghi)perylene	74		81		40-140	9		50
Fluorene	70		80		40-140	13		50
Phenanthrene	68		78		40-140	14		50
Dibenzo(a,h)anthracene	75		82		40-140	9		50
Indeno(1,2,3-cd)Pyrene	70		76		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG827571-2 WG827571-3								
Pyrene	71		82		35-142	14		50
Biphenyl	73		82		54-104	12		50
4-Chloroaniline	78		87		40-140	11		50
2-Nitroaniline	71		78		47-134	9		50
3-Nitroaniline	61		69		26-129	12		50
4-Nitroaniline	69		78		41-125	12		50
Dibenzofuran	68		76		40-140	11		50
2-Methylnaphthalene	71		78		40-140	9		50
1,2,4,5-Tetrachlorobenzene	70		78		40-117	11		50
Acetophenone	80		84		14-144	5		50
2,4,6-Trichlorophenol	72		81		30-130	12		50
P-Chloro-M-Cresol	76		82		26-103	8		50
2-Chlorophenol	72		78		25-102	8		50
2,4-Dichlorophenol	71		79		30-130	11		50
2,4-Dimethylphenol	76		82		30-130	8		50
2-Nitrophenol	72		77		30-130	7		50
4-Nitrophenol	73		83		11-114	13		50
2,4-Dinitrophenol	20		21		4-130	5		50
4,6-Dinitro-o-cresol	50		58		10-130	15		50
Pentachlorophenol	60		69		17-109	14		50
Phenol	74		79		26-90	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524249

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG827571-2 WG827571-3								
2-Methylphenol	76		81		30-130.	6		50
3-Methylphenol/4-Methylphenol	78		81		30-130	4		50
2,4,5-Trichlorophenol	72		80		30-130	11		50
Benzoic Acid	14		14		10-66	0		50
Benzyl Alcohol	78		82		40-140	5		50
Carbazole	72		83		54-128	14		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		78		25-120
Phenol-d6	74		79		10-120
Nitrobenzene-d5	73		80		23-120
2-Fluorobiphenyl	72		79		30-120
2,4,6-Tribromophenol	69		84		10-136
4-Terphenyl-d14	69		79		18-120

PCBS

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-01
Client ID: SB-1 (0-2)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/04/15 21:20
Analyst: JW
Percent Solids: 84%

Date Collected: 09/28/15 10:10
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 08:31
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.5	3.12	1	A
Aroclor 1221	ND		ug/kg	39.5	3.64	1	A
Aroclor 1232	ND		ug/kg	39.5	4.63	1	A
Aroclor 1242	ND		ug/kg	39.5	4.84	1	A
Aroclor 1248	ND		ug/kg	39.5	3.34	1	A
Aroclor 1254	ND		ug/kg	39.5	3.25	1	A
Aroclor 1260	ND		ug/kg	39.5	3.01	1	A
Aroclor 1262	ND		ug/kg	39.5	1.96	1	A
Aroclor 1268	ND		ug/kg	39.5	5.73	1	A
PCBs, Total	ND		ug/kg	39.5	1.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-03
Client ID: SB-1 (4-6)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/04/15 19:14
Analyst: JW
Percent Solids: 81%

Date Collected: 09/28/15 10:20
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 08:31
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.2	3.17	1	A
Aroclor 1221	ND		ug/kg	40.2	3.70	1	A
Aroclor 1232	ND		ug/kg	40.2	4.71	1	A
Aroclor 1242	ND		ug/kg	40.2	4.92	1	A
Aroclor 1248	ND		ug/kg	40.2	3.39	1	A
Aroclor 1254	ND		ug/kg	40.2	3.30	1	A
Aroclor 1260	ND		ug/kg	40.2	3.06	1	A
Aroclor 1262	ND		ug/kg	40.2	1.99	1	A
Aroclor 1268	ND		ug/kg	40.2	5.82	1	A
PCBs, Total	ND		ug/kg	40.2	1.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	40		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-05
Client ID: SB-6 (0-2)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/04/15 19:30
Analyst: JW
Percent Solids: 70%

Date Collected: 09/28/15 11:15
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 08:31
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	47.1	3.72	1	A
Aroclor 1221	ND		ug/kg	47.1	4.34	1	A
Aroclor 1232	ND		ug/kg	47.1	5.52	1	A
Aroclor 1242	ND		ug/kg	47.1	5.77	1	A
Aroclor 1248	ND		ug/kg	47.1	3.98	1	A
Aroclor 1254	12.0	J	ug/kg	47.1	3.87	1	A
Aroclor 1260	ND		ug/kg	47.1	3.59	1	A
Aroclor 1262	ND		ug/kg	47.1	2.34	1	A
Aroclor 1268	ND		ug/kg	47.1	6.83	1	A
PCBs, Total	12.0	J	ug/kg	47.1	2.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-07
Client ID: SB-6 (4-6)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/04/15 19:46
Analyst: JW
Percent Solids: 80%

Date Collected: 09/28/15 11:20
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 08:31
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.4	3.19	1	A
Aroclor 1221	ND		ug/kg	40.4	3.72	1	A
Aroclor 1232	ND		ug/kg	40.4	4.73	1	A
Aroclor 1242	ND		ug/kg	40.4	4.94	1	A
Aroclor 1248	ND		ug/kg	40.4	3.41	1	A
Aroclor 1254	ND		ug/kg	40.4	3.32	1	A
Aroclor 1260	ND		ug/kg	40.4	3.08	1	A
Aroclor 1262	ND		ug/kg	40.4	2.00	1	A
Aroclor 1268	ND		ug/kg	40.4	5.86	1	A
PCBs, Total	ND		ug/kg	40.4	2.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-09
Client ID: SB-7 (0-2)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/04/15 20:01
Analyst: JW
Percent Solids: 79%

Date Collected: 09/28/15 12:15
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 08:31
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	42.1	3.33	1	A
Aroclor 1221	ND		ug/kg	42.1	3.88	1	A
Aroclor 1232	ND		ug/kg	42.1	4.93	1	A
Aroclor 1242	ND		ug/kg	42.1	5.15	1	A
Aroclor 1248	ND		ug/kg	42.1	3.55	1	A
Aroclor 1254	ND		ug/kg	42.1	3.46	1	A
Aroclor 1260	ND		ug/kg	42.1	3.21	1	A
Aroclor 1262	ND		ug/kg	42.1	2.09	1	A
Aroclor 1268	ND		ug/kg	42.1	6.10	1	A
PCBs, Total	ND		ug/kg	42.1	2.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-11
Client ID: SB-7 (8-10)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/04/15 20:17
Analyst: JW
Percent Solids: 70%

Date Collected: 09/28/15 12:25
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 08:31
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	47.1	3.72	1	A
Aroclor 1221	ND		ug/kg	47.1	4.34	1	A
Aroclor 1232	ND		ug/kg	47.1	5.52	1	A
Aroclor 1242	ND		ug/kg	47.1	5.76	1	A
Aroclor 1248	ND		ug/kg	47.1	3.98	1	A
Aroclor 1254	ND		ug/kg	47.1	3.87	1	A
Aroclor 1260	ND		ug/kg	47.1	3.59	1	A
Aroclor 1262	ND		ug/kg	47.1	2.34	1	A
Aroclor 1268	ND		ug/kg	47.1	6.83	1	A
PCBs, Total	ND		ug/kg	47.1	2.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-13
Client ID: SB-8 (0-2)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/04/15 20:33
Analyst: JW
Percent Solids: 84%

Date Collected: 09/28/15 12:45
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 08:31
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.3	3.10	1	A
Aroclor 1221	ND		ug/kg	39.3	3.62	1	A
Aroclor 1232	ND		ug/kg	39.3	4.61	1	A
Aroclor 1242	ND		ug/kg	39.3	4.81	1	A
Aroclor 1248	ND		ug/kg	39.3	3.32	1	A
Aroclor 1254	ND		ug/kg	39.3	3.23	1	A
Aroclor 1260	ND		ug/kg	39.3	2.99	1	A
Aroclor 1262	ND		ug/kg	39.3	1.95	1	A
Aroclor 1268	ND		ug/kg	39.3	5.70	1	A
PCBs, Total	ND		ug/kg	39.3	1.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-15
Client ID: SB-8 (4-6)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/07/15 10:30
Analyst: JT
Percent Solids: 78%

Date Collected: 09/28/15 12:50
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/06/15 22:36
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.9	3.23	1	A
Aroclor 1221	ND		ug/kg	40.9	3.77	1	A
Aroclor 1232	ND		ug/kg	40.9	4.79	1	A
Aroclor 1242	ND		ug/kg	40.9	5.01	1	A
Aroclor 1248	ND		ug/kg	40.9	3.45	1	A
Aroclor 1254	ND		ug/kg	40.9	3.36	1	A
Aroclor 1260	ND		ug/kg	40.9	3.12	1	A
Aroclor 1262	ND		ug/kg	40.9	2.03	1	A
Aroclor 1268	ND		ug/kg	40.9	5.93	1	A
PCBs, Total	ND		ug/kg	40.9	2.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-17
Client ID: SB-2 (0-2)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/04/15 21:05
Analyst: JW
Percent Solids: 87%

Date Collected: 09/28/15 13:45
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 08:31
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.0	3.00	1	A
Aroclor 1221	ND		ug/kg	38.0	3.51	1	A
Aroclor 1232	ND		ug/kg	38.0	4.46	1	A
Aroclor 1242	ND		ug/kg	38.0	4.65	1	A
Aroclor 1248	ND		ug/kg	38.0	3.21	1	A
Aroclor 1254	ND		ug/kg	38.0	3.12	1	A
Aroclor 1260	ND		ug/kg	38.0	2.90	1	A
Aroclor 1262	ND		ug/kg	38.0	1.89	1	A
Aroclor 1268	ND		ug/kg	38.0	5.51	1	A
PCBs, Total	ND		ug/kg	38.0	1.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-19
Client ID: SB-2 (4-6)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/04/15 18:42
Analyst: JW
Percent Solids: 79%

Date Collected: 09/28/15 13:20
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 08:31
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.8	3.22	1	A
Aroclor 1221	ND		ug/kg	40.8	3.76	1	A
Aroclor 1232	ND		ug/kg	40.8	4.78	1	A
Aroclor 1242	ND		ug/kg	40.8	4.99	1	A
Aroclor 1248	ND		ug/kg	40.8	3.44	1	A
Aroclor 1254	ND		ug/kg	40.8	3.35	1	A
Aroclor 1260	ND		ug/kg	40.8	3.11	1	A
Aroclor 1262	ND		ug/kg	40.8	2.02	1	A
Aroclor 1268	ND		ug/kg	40.8	5.91	1	A
PCBs, Total	ND		ug/kg	40.8	2.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-21
Client ID: SB-3 (0-2)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/04/15 21:36
Analyst: JW
Percent Solids: 82%

Date Collected: 09/28/15 14:40
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 08:33
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.2	3.10	1	A
Aroclor 1221	ND		ug/kg	39.2	3.61	1	A
Aroclor 1232	ND		ug/kg	39.2	4.59	1	A
Aroclor 1242	ND		ug/kg	39.2	4.80	1	A
Aroclor 1248	ND		ug/kg	39.2	3.31	1	A
Aroclor 1254	ND		ug/kg	39.2	3.22	1	A
Aroclor 1260	ND		ug/kg	39.2	2.99	1	A
Aroclor 1262	ND		ug/kg	39.2	1.94	1	A
Aroclor 1268	ND		ug/kg	39.2	5.68	1	A
PCBs, Total	ND		ug/kg	39.2	1.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-23
Client ID: SB-3 (4-6)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/04/15 21:52
Analyst: JW
Percent Solids: 90%

Date Collected: 09/28/15 14:50
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 08:33
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.6	2.81	1	A
Aroclor 1221	ND		ug/kg	35.6	3.28	1	A
Aroclor 1232	ND		ug/kg	35.6	4.18	1	A
Aroclor 1242	ND		ug/kg	35.6	4.36	1	A
Aroclor 1248	ND		ug/kg	35.6	3.01	1	A
Aroclor 1254	ND		ug/kg	35.6	2.93	1	A
Aroclor 1260	ND		ug/kg	35.6	2.71	1	A
Aroclor 1262	ND		ug/kg	35.6	1.77	1	A
Aroclor 1268	ND		ug/kg	35.6	5.16	1	A
PCBs, Total	ND		ug/kg	35.6	1.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-25
Client ID: GW-2
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/03/15 01:31
Analyst: JT

Date Collected: 09/29/15 08:45
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 02:28
Cleanup Method: EPA 3665A
Cleanup Date: 10/02/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/02/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	48		30-150	B
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	54		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-26
Client ID: GW-3
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/03/15 01:47
Analyst: JT

Date Collected: 09/29/15 11:30
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 02:28
Cleanup Method: EPA 3665A
Cleanup Date: 10/02/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/02/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	58		30-150	B
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	68		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-27
Client ID: GW-5
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/03/15 02:04
Analyst: JT

Date Collected: 09/29/15 12:10
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 02:28
Cleanup Method: EPA 3665A
Cleanup Date: 10/02/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/02/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	53		30-150	B
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	62		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-28
Client ID: GW-1
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/03/15 02:20
Analyst: JT

Date Collected: 09/29/15 12:50
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 02:28
Cleanup Method: EPA 3665A
Cleanup Date: 10/02/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/02/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	106		30-150	B
Decachlorobiphenyl	69		30-150	B
2,4,5,6-Tetrachloro-m-xylene	100		30-150	A
Decachlorobiphenyl	87		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-29
Client ID: SB-5 (0-2)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/04/15 22:08
Analyst: JW
Percent Solids: 71%

Date Collected: 09/29/15 10:20
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 08:33
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	46.6	3.68	1	A
Aroclor 1221	ND		ug/kg	46.6	4.29	1	A
Aroclor 1232	ND		ug/kg	46.6	5.46	1	A
Aroclor 1242	ND		ug/kg	46.6	5.70	1	A
Aroclor 1248	ND		ug/kg	46.6	3.93	1	A
Aroclor 1254	ND		ug/kg	46.6	3.83	1	A
Aroclor 1260	ND		ug/kg	46.6	3.55	1	A
Aroclor 1262	ND		ug/kg	46.6	2.31	1	A
Aroclor 1268	ND		ug/kg	46.6	6.75	1	A
PCBs, Total	ND		ug/kg	46.6	2.31	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-31
Client ID: SB-5 (4-6)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/04/15 22:39
Analyst: JW
Percent Solids: 83%

Date Collected: 09/29/15 10:30
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 08:33
Cleanup Method: EPA 3665A
Cleanup Date: 10/04/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.8	3.15	1	A
Aroclor 1221	ND		ug/kg	39.8	3.67	1	A
Aroclor 1232	ND		ug/kg	39.8	4.67	1	A
Aroclor 1242	ND		ug/kg	39.8	4.87	1	A
Aroclor 1248	ND		ug/kg	39.8	3.36	1	A
Aroclor 1254	ND		ug/kg	39.8	3.27	1	A
Aroclor 1260	ND		ug/kg	39.8	3.03	1	A
Aroclor 1262	ND		ug/kg	39.8	1.98	1	A
Aroclor 1268	ND		ug/kg	39.8	5.77	1	A
PCBs, Total	ND		ug/kg	39.8	1.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 10/03/15 03:25
 Analyst: JT

Extraction Method: EPA 3510C
 Extraction Date: 10/02/15 02:28
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/02/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/02/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 25-28 Batch: WG827110-1						
Aroclor 1016	ND		ug/l	0.083	0.055	A
Aroclor 1221	ND		ug/l	0.083	0.053	A
Aroclor 1232	ND		ug/l	0.083	0.031	A
Aroclor 1242	ND		ug/l	0.083	0.060	A
Aroclor 1248	ND		ug/l	0.083	0.051	A
Aroclor 1254	ND		ug/l	0.083	0.034	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.029	A
Aroclor 1268	ND		ug/l	0.083	0.038	A
PCBs, Total	ND		ug/l	0.083	0.029	A

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	105		30-150	A

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 10/04/15 22:55
 Analyst: JW

Extraction Method: EPA 3546
 Extraction Date: 10/03/15 08:31
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/04/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07,09,11,13,17,19,21,23,29,31 Batch: WG827539-1						
Aroclor 1016	ND		ug/kg	31.7	2.50	A
Aroclor 1221	ND		ug/kg	31.7	2.92	A
Aroclor 1232	ND		ug/kg	31.7	3.71	A
Aroclor 1242	ND		ug/kg	31.7	3.88	A
Aroclor 1248	ND		ug/kg	31.7	2.67	A
Aroclor 1254	ND		ug/kg	31.7	2.60	A
Aroclor 1260	ND		ug/kg	31.7	2.41	A
Aroclor 1262	ND		ug/kg	31.7	1.57	A
Aroclor 1268	ND		ug/kg	31.7	4.59	A
PCBs, Total	ND		ug/kg	31.7	1.57	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	77		30-150	B



Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 10/07/15 09:41
 Analyst: JT

Extraction Method: EPA 3546
 Extraction Date: 10/06/15 22:36
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/07/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/07/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 15 Batch: WG828433-1						
Aroclor 1016	ND		ug/kg	31.5	2.48	A
Aroclor 1221	ND		ug/kg	31.5	2.90	A
Aroclor 1232	ND		ug/kg	31.5	3.69	A
Aroclor 1242	ND		ug/kg	31.5	3.85	A
Aroclor 1248	ND		ug/kg	31.5	2.66	A
Aroclor 1254	ND		ug/kg	31.5	2.59	A
Aroclor 1260	ND		ug/kg	31.5	2.40	A
Aroclor 1262	ND		ug/kg	31.5	1.56	A
Aroclor 1268	ND		ug/kg	31.5	4.56	A
PCBs, Total	ND		ug/kg	31.5	1.56	A

Surrogate	%Recovery	Qualifier	Acceptance	Column
			Criteria	
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	61		30-150	B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 25-28 Batch: WG827110-2 WG827110-3									
Aroclor 1016	96		93		40-140	3		50	A
Aroclor 1260	108		108		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		97		30-150	B
Decachlorobiphenyl	77		87		30-150	B
2,4,5,6-Tetrachloro-m-xylene	89		93		30-150	A
Decachlorobiphenyl	105		114		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,17,19,21,23,29,31 Batch: WG827539-2 WG827539-3									
Aroclor 1016	93		94		40-140	1		50	A
Aroclor 1260	90		92		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		88		30-150	A
Decachlorobiphenyl	91		92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		90		30-150	B
Decachlorobiphenyl	92		93		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 15 Batch: WG828433-2 WG828433-3									
Aroclor 1016	72		72		40-140	0		50	A
Aroclor 1260	78		80		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		84		30-150	A
Decachlorobiphenyl	99		102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		85		30-150	B
Decachlorobiphenyl	84		76		30-150	B

PESTICIDES

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-01
Client ID: SB-1 (0-2)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/03/15 23:27
Analyst: AL
Percent Solids: 84%

Date Collected: 09/28/15 10:10
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 04:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.365	1	A
Lindane	ND		ug/kg	0.777	0.347	1	A
Alpha-BHC	ND		ug/kg	0.777	0.221	1	A
Beta-BHC	ND		ug/kg	1.86	0.707	1	A
Heptachlor	ND		ug/kg	0.933	0.418	1	A
Aldrin	ND		ug/kg	1.86	0.657	1	A
Heptachlor epoxide	ND		ug/kg	3.50	1.05	1	A
Endrin	ND		ug/kg	0.777	0.319	1	A
Endrin ketone	38.4		ug/kg	1.86	0.480	1	B
Dieldrin	ND		ug/kg	1.17	0.583	1	A
4,4'-DDE	ND		ug/kg	1.86	0.431	1	A
4,4'-DDD	ND		ug/kg	1.86	0.665	1	A
4,4'-DDT	ND		ug/kg	3.50	1.50	1	A
Endosulfan I	ND		ug/kg	1.86	0.441	1	A
Endosulfan II	ND		ug/kg	1.86	0.623	1	A
Endosulfan sulfate	ND		ug/kg	0.777	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.79	1	A
cis-Chlordane	ND		ug/kg	2.33	0.650	1	A
trans-Chlordane	ND		ug/kg	2.33	0.616	1	A
Chlordane	ND		ug/kg	15.2	6.18	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	41		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	560	Q	30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-03
Client ID: SB-1 (4-6)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/06/15 12:29
Analyst: AM
Percent Solids: 81%

Date Collected: 09/28/15 10:20
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 04:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/06/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.379	1	A
Lindane	ND		ug/kg	0.806	0.360	1	A
Alpha-BHC	ND		ug/kg	0.806	0.229	1	A
Beta-BHC	ND		ug/kg	1.93	0.733	1	A
Heptachlor	ND		ug/kg	0.967	0.433	1	A
Aldrin	ND		ug/kg	1.93	0.681	1	A
Heptachlor epoxide	ND		ug/kg	3.62	1.09	1	A
Endrin	ND		ug/kg	0.806	0.330	1	A
Endrin ketone	ND		ug/kg	1.93	0.498	1	A
Dieldrin	ND		ug/kg	1.21	0.604	1	A
4,4'-DDE	ND		ug/kg	1.93	0.447	1	A
4,4'-DDD	ND		ug/kg	1.93	0.690	1	A
4,4'-DDT	ND		ug/kg	3.62	1.55	1	A
Endosulfan I	ND		ug/kg	1.93	0.457	1	A
Endosulfan II	ND		ug/kg	1.93	0.646	1	A
Endosulfan sulfate	ND		ug/kg	0.806	0.383	1	A
Methoxychlor	ND		ug/kg	3.62	1.13	1	A
Toxaphene	ND		ug/kg	36.2	10.2	1	A
cis-Chlordane	ND		ug/kg	2.42	0.673	1	A
trans-Chlordane	ND		ug/kg	2.42	0.638	1	A
Chlordane	ND		ug/kg	15.7	6.40	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	78		30-150	B
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	93		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-05
Client ID: SB-6 (0-2)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/03/15 23:53
Analyst: AL
Percent Solids: 70%

Date Collected: 09/28/15 11:15
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 04:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.24	0.439	1	A
Lindane	ND		ug/kg	0.934	0.417	1	A
Alpha-BHC	ND		ug/kg	0.934	0.265	1	A
Beta-BHC	ND		ug/kg	2.24	0.850	1	A
Heptachlor	ND		ug/kg	1.12	0.502	1	A
Aldrin	ND		ug/kg	2.24	0.789	1	A
Heptachlor epoxide	ND		ug/kg	4.20	1.26	1	A
Endrin	ND		ug/kg	0.934	0.383	1	A
Endrin ketone	ND		ug/kg	2.24	0.577	1	A
Dieldrin	ND		ug/kg	1.40	0.700	1	A
4,4'-DDE	1.65	J	ug/kg	2.24	0.518	1	A
4,4'-DDD	4.34		ug/kg	2.24	0.799	1	B
4,4'-DDT	ND	PI	ug/kg	4.20	1.80	1	A
Endosulfan I	ND		ug/kg	2.24	0.530	1	A
Endosulfan II	ND		ug/kg	2.24	0.749	1	A
Endosulfan sulfate	ND		ug/kg	0.934	0.444	1	A
Methoxychlor	ND		ug/kg	4.20	1.31	1	A
Toxaphene	ND		ug/kg	42.0	11.8	1	A
cis-Chlordane	2.23	J	ug/kg	2.80	0.781	1	B
trans-Chlordane	1.43	JPI	ug/kg	2.80	0.740	1	A
Chlordane	37.6		ug/kg	18.2	7.42	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	93		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-07
Client ID: SB-6 (4-6)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/04/15 00:06
Analyst: AL
Percent Solids: 80%

Date Collected: 09/28/15 11:20
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 04:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.379	1	A
Lindane	ND		ug/kg	0.806	0.360	1	A
Alpha-BHC	ND		ug/kg	0.806	0.229	1	A
Beta-BHC	ND		ug/kg	1.93	0.734	1	A
Heptachlor	ND		ug/kg	0.967	0.434	1	A
Aldrin	ND		ug/kg	1.93	0.681	1	A
Heptachlor epoxide	ND		ug/kg	3.63	1.09	1	A
Endrin	ND		ug/kg	0.806	0.330	1	A
Endrin ketone	ND		ug/kg	1.93	0.498	1	A
Dieldrin	ND		ug/kg	1.21	0.604	1	A
4,4'-DDE	ND		ug/kg	1.93	0.447	1	A
4,4'-DDD	ND		ug/kg	1.93	0.690	1	A
4,4'-DDT	ND		ug/kg	3.63	1.56	1	A
Endosulfan I	ND		ug/kg	1.93	0.457	1	A
Endosulfan II	ND		ug/kg	1.93	0.646	1	A
Endosulfan sulfate	ND		ug/kg	0.806	0.384	1	A
Methoxychlor	ND		ug/kg	3.63	1.13	1	A
Toxaphene	ND		ug/kg	36.3	10.2	1	A
cis-Chlordane	ND		ug/kg	2.42	0.674	1	A
trans-Chlordane	ND		ug/kg	2.42	0.638	1	A
Chlordane	ND		ug/kg	15.7	6.41	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	73		30-150	B
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	73		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-09
 Client ID: SB-7 (0-2)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/04/15 00:19
 Analyst: AL
 Percent Solids: 79%

Date Collected: 09/28/15 12:15
 Date Received: 09/28/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/03/15 04:49
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.02	0.395	1	A
Lindane	ND		ug/kg	0.840	0.375	1	A
Alpha-BHC	ND		ug/kg	0.840	0.238	1	A
Beta-BHC	ND		ug/kg	2.02	0.764	1	A
Heptachlor	ND		ug/kg	1.01	0.452	1	A
Aldrin	ND		ug/kg	2.02	0.710	1	A
Heptachlor epoxide	ND		ug/kg	3.78	1.13	1	A
Endrin	ND		ug/kg	0.840	0.344	1	A
Endrin ketone	ND		ug/kg	2.02	0.519	1	A
Dieldrin	ND		ug/kg	1.26	0.630	1	A
4,4'-DDE	ND		ug/kg	2.02	0.466	1	A
4,4'-DDD	ND		ug/kg	2.02	0.719	1	A
4,4'-DDT	2.12	J	ug/kg	3.78	1.62	1	A
Endosulfan I	ND		ug/kg	2.02	0.476	1	A
Endosulfan II	ND		ug/kg	2.02	0.674	1	A
Endosulfan sulfate	ND		ug/kg	0.840	0.400	1	A
Methoxychlor	ND		ug/kg	3.78	1.18	1	A
Toxaphene	ND		ug/kg	37.8	10.6	1	A
cis-Chlordane	ND		ug/kg	2.52	0.702	1	A
trans-Chlordane	ND		ug/kg	2.52	0.665	1	A
Chlordane	ND		ug/kg	16.4	6.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	66		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	77		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-11
Client ID: SB-7 (8-10)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/04/15 00:32
Analyst: AL
Percent Solids: 70%

Date Collected: 09/28/15 12:25
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 04:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.22	0.434	1	A
Lindane	ND		ug/kg	0.924	0.413	1	A
Alpha-BHC	ND		ug/kg	0.924	0.262	1	A
Beta-BHC	ND		ug/kg	2.22	0.841	1	A
Heptachlor	ND		ug/kg	1.11	0.497	1	A
Aldrin	ND		ug/kg	2.22	0.781	1	A
Heptachlor epoxide	ND		ug/kg	4.16	1.25	1	A
Endrin	ND		ug/kg	0.924	0.379	1	A
Endrin ketone	ND		ug/kg	2.22	0.571	1	A
Dieldrin	ND		ug/kg	1.39	0.693	1	A
4,4'-DDE	ND		ug/kg	2.22	0.513	1	A
4,4'-DDD	ND		ug/kg	2.22	0.791	1	A
4,4'-DDT	ND		ug/kg	4.16	1.78	1	A
Endosulfan I	1.70	JPI	ug/kg	2.22	0.524	1	B
Endosulfan II	ND		ug/kg	2.22	0.742	1	A
Endosulfan sulfate	ND		ug/kg	0.924	0.440	1	A
Methoxychlor	25.0	PI	ug/kg	4.16	1.29	1	B
Toxaphene	ND		ug/kg	41.6	11.6	1	A
cis-Chlordane	ND		ug/kg	2.77	0.773	1	A
trans-Chlordane	ND		ug/kg	2.77	0.732	1	A
Chlordane	ND		ug/kg	18.0	7.35	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	53		30-150	B
2,4,5,6-Tetrachloro-m-xylene	286	Q	30-150	A
Decachlorobiphenyl	57		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-13
Client ID: SB-8 (0-2)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/04/15 00:45
Analyst: AL
Percent Solids: 84%

Date Collected: 09/28/15 12:45
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 04:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	A
Lindane	ND		ug/kg	0.775	0.346	1	A
Alpha-BHC	ND		ug/kg	0.775	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.706	1	A
Heptachlor	ND		ug/kg	0.930	0.417	1	A
Aldrin	ND		ug/kg	1.86	0.655	1	A
Heptachlor epoxide	ND		ug/kg	3.49	1.05	1	A
Endrin	ND		ug/kg	0.775	0.318	1	A
Endrin ketone	ND		ug/kg	1.86	0.479	1	A
Dieldrin	ND		ug/kg	1.16	0.581	1	A
4,4'-DDE	ND		ug/kg	1.86	0.430	1	A
4,4'-DDD	ND		ug/kg	1.86	0.664	1	A
4,4'-DDT	ND		ug/kg	3.49	1.50	1	A
Endosulfan I	ND		ug/kg	1.86	0.440	1	A
Endosulfan II	ND		ug/kg	1.86	0.622	1	A
Endosulfan sulfate	ND		ug/kg	0.775	0.369	1	A
Methoxychlor	ND		ug/kg	3.49	1.08	1	A
Toxaphene	ND		ug/kg	34.9	9.77	1	A
cis-Chlordane	ND		ug/kg	2.32	0.648	1	A
trans-Chlordane	ND		ug/kg	2.32	0.614	1	A
Chlordane	ND		ug/kg	15.1	6.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	71		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	88		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-15 D
 Client ID: SB-8 (4-6)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/06/15 12:45
 Analyst: AM
 Percent Solids: 78%

Date Collected: 09/28/15 12:50
 Date Received: 09/28/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/03/15 04:49
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	19.9	3.89	10	A
Lindane	ND		ug/kg	8.28	3.70	10	A
Alpha-BHC	ND		ug/kg	8.28	2.35	10	A
Beta-BHC	ND		ug/kg	19.9	7.53	10	A
Heptachlor	ND		ug/kg	9.93	4.45	10	A
Aldrin	ND		ug/kg	19.9	6.99	10	A
Heptachlor epoxide	ND		ug/kg	37.2	11.2	10	A
Endrin	ND		ug/kg	8.28	3.39	10	A
Endrin ketone	ND		ug/kg	19.9	5.11	10	A
Dieldrin	ND		ug/kg	12.4	6.21	10	A
4,4'-DDE	ND		ug/kg	19.9	4.59	10	A
4,4'-DDD	ND		ug/kg	19.9	7.08	10	A
4,4'-DDT	ND		ug/kg	37.2	16.0	10	A
Endosulfan I	ND		ug/kg	19.9	4.69	10	A
Endosulfan II	ND		ug/kg	19.9	6.64	10	A
Endosulfan sulfate	ND		ug/kg	8.28	3.94	10	A
Methoxychlor	ND		ug/kg	37.2	11.6	10	A
Toxaphene	ND		ug/kg	372	104.	10	A
cis-Chlordane	ND		ug/kg	24.8	6.92	10	A
trans-Chlordane	ND		ug/kg	24.8	6.56	10	A
Chlordane	ND		ug/kg	161	65.8	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	62		30-150	B
2,4,5,6-Tetrachloro-m-xylene	1360	Q	30-150	A
Decachlorobiphenyl	70		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-17
 Client ID: SB-2 (0-2)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/04/15 01:11
 Analyst: AL
 Percent Solids: 87%

Date Collected: 09/28/15 13:45
 Date Received: 09/28/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/03/15 04:49
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.749	0.335	1	A
Alpha-BHC	ND		ug/kg	0.749	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.681	1	A
Heptachlor	ND		ug/kg	0.898	0.403	1	A
Aldrin	ND		ug/kg	1.80	0.633	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.749	0.307	1	A
Endrin ketone	11.4	P	ug/kg	1.80	0.463	1	B
Dieldrin	ND		ug/kg	1.12	0.562	1	A
4,4'-DDE	ND		ug/kg	1.80	0.416	1	A
4,4'-DDD	ND		ug/kg	1.80	0.641	1	A
4,4'-DDT	ND		ug/kg	3.37	1.44	1	A
Endosulfan I	ND		ug/kg	1.80	0.424	1	A
Endosulfan II	3.68	PI	ug/kg	1.80	0.600	1	A
Endosulfan sulfate	ND		ug/kg	0.749	0.356	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.43	1	A
cis-Chlordane	ND		ug/kg	2.25	0.626	1	A
trans-Chlordane	ND		ug/kg	2.25	0.593	1	A
Chlordane	ND		ug/kg	14.6	5.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	90		30-150	B
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	112		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-19
Client ID: SB-2 (4-6)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/04/15 01:24
Analyst: AL
Percent Solids: 79%

Date Collected: 09/28/15 13:20
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 04:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.02	0.395	1	A
Lindane	ND		ug/kg	0.841	0.376	1	A
Alpha-BHC	ND		ug/kg	0.841	0.239	1	A
Beta-BHC	ND		ug/kg	2.02	0.766	1	A
Heptachlor	ND		ug/kg	1.01	0.453	1	A
Aldrin	ND		ug/kg	2.02	0.711	1	A
Heptachlor epoxide	ND		ug/kg	3.79	1.14	1	A
Endrin	ND		ug/kg	0.841	0.345	1	A
Endrin ketone	ND		ug/kg	2.02	0.520	1	A
Dieldrin	ND		ug/kg	1.26	0.631	1	A
4,4'-DDE	ND		ug/kg	2.02	0.467	1	A
4,4'-DDD	ND		ug/kg	2.02	0.720	1	A
4,4'-DDT	ND		ug/kg	3.79	1.62	1	A
Endosulfan I	ND		ug/kg	2.02	0.477	1	A
Endosulfan II	ND		ug/kg	2.02	0.675	1	A
Endosulfan sulfate	ND		ug/kg	0.841	0.400	1	A
Methoxychlor	ND		ug/kg	3.79	1.18	1	A
Toxaphene	ND		ug/kg	37.9	10.6	1	A
cis-Chlordane	ND		ug/kg	2.52	0.703	1	A
trans-Chlordane	ND		ug/kg	2.52	0.666	1	A
Chlordane	ND		ug/kg	16.4	6.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	71		30-150	B
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	72		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-21
 Client ID: SB-3 (0-2)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/06/15 13:03
 Analyst: AM
 Percent Solids: 82%

Date Collected: 09/28/15 14:40
 Date Received: 09/28/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/03/15 04:49
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/06/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.377	1	A
Lindane	ND		ug/kg	0.802	0.358	1	A
Alpha-BHC	ND		ug/kg	0.802	0.228	1	A
Beta-BHC	ND		ug/kg	1.92	0.730	1	A
Heptachlor	ND		ug/kg	0.962	0.431	1	A
Aldrin	ND		ug/kg	1.92	0.678	1	A
Heptachlor epoxide	ND		ug/kg	3.61	1.08	1	A
Endrin	ND		ug/kg	0.802	0.329	1	A
Endrin ketone	ND		ug/kg	1.92	0.496	1	A
Dieldrin	ND		ug/kg	1.20	0.601	1	A
4,4'-DDE	ND		ug/kg	1.92	0.445	1	A
4,4'-DDD	ND		ug/kg	1.92	0.686	1	A
4,4'-DDT	ND	PI	ug/kg	3.61	1.55	1	B
Endosulfan I	ND		ug/kg	1.92	0.455	1	A
Endosulfan II	ND		ug/kg	1.92	0.643	1	A
Endosulfan sulfate	ND		ug/kg	0.802	0.382	1	A
Methoxychlor	ND		ug/kg	3.61	1.12	1	A
Toxaphene	ND		ug/kg	36.1	10.1	1	A
cis-Chlordane	ND		ug/kg	2.40	0.670	1	A
trans-Chlordane	ND		ug/kg	2.40	0.635	1	A
Chlordane	ND		ug/kg	15.6	6.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	106		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-23
 Client ID: SB-3 (4-6)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 10/04/15 01:50
 Analyst: AL
 Percent Solids: 90%

Date Collected: 09/28/15 14:50
 Date Received: 09/28/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/03/15 04:49
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.724	0.324	1	A
Alpha-BHC	ND		ug/kg	0.724	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.659	1	A
Heptachlor	ND		ug/kg	0.869	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.612	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.978	1	A
Endrin	ND		ug/kg	0.724	0.297	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.543	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.620	1	A
4,4'-DDT	ND		ug/kg	3.26	1.40	1	B
Endosulfan I	ND		ug/kg	1.74	0.410	1	A
Endosulfan II	ND		ug/kg	1.74	0.581	1	A
Endosulfan sulfate	ND		ug/kg	0.724	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.12	1	A
cis-Chlordane	ND		ug/kg	2.17	0.605	1	A
trans-Chlordane	ND		ug/kg	2.17	0.574	1	A
Chlordane	ND		ug/kg	14.1	5.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	75		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	90		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-25
Client ID: GW-2
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/03/15 20:13
Analyst: AM

Date Collected: 09/29/15 08:45
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 16:48
Cleanup Method: EPA 3620B
Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	0.014	J	ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	109		30-150	A
Decachlorobiphenyl	136		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	142		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-26
Client ID: GW-3
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/05/15 17:59
Analyst: SS

Date Collected: 09/29/15 11:30
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 16:48
Cleanup Method: EPA 3620B
Cleanup Date: 10/05/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	123		30-150	A
Decachlorobiphenyl	105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	115		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-27
Client ID: GW-5
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/03/15 20:39
Analyst: AM

Date Collected: 09/29/15 12:10
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 16:48
Cleanup Method: EPA 3620B
Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	115		30-150	A
Decachlorobiphenyl	112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	118		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-28
Client ID: GW-1
Sample Location: BROOKLYN, NY
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/03/15 20:52
Analyst: AM

Date Collected: 09/29/15 12:50
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 16:48
Cleanup Method: EPA 3620B
Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-29
Client ID: SB-5 (0-2)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/04/15 02:03
Analyst: AL
Percent Solids: 71%

Date Collected: 09/29/15 10:20
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 04:51
Cleanup Method: EPA 3620B
Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.19	0.430	1	A
Lindane	ND		ug/kg	0.914	0.409	1	A
Alpha-BHC	ND		ug/kg	0.914	0.260	1	A
Beta-BHC	ND		ug/kg	2.19	0.832	1	A
Heptachlor	ND		ug/kg	1.10	0.492	1	A
Aldrin	ND		ug/kg	2.19	0.772	1	A
Heptachlor epoxide	ND		ug/kg	4.11	1.23	1	A
Endrin	ND		ug/kg	0.914	0.375	1	A
Endrin ketone	ND		ug/kg	2.19	0.565	1	A
Dieldrin	ND		ug/kg	1.37	0.686	1	A
4,4'-DDE	ND		ug/kg	2.19	0.507	1	A
4,4'-DDD	ND		ug/kg	2.19	0.782	1	A
4,4'-DDT	ND		ug/kg	4.11	1.76	1	A
Endosulfan I	ND		ug/kg	2.19	0.518	1	A
Endosulfan II	ND		ug/kg	2.19	0.733	1	A
Endosulfan sulfate	ND		ug/kg	0.914	0.435	1	A
Methoxychlor	ND		ug/kg	4.11	1.28	1	A
Toxaphene	ND		ug/kg	41.1	11.5	1	A
cis-Chlordane	ND		ug/kg	2.74	0.764	1	A
trans-Chlordane	ND		ug/kg	2.74	0.724	1	A
Chlordane	ND		ug/kg	17.8	7.27	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	60		30-150	B
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	62		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-31
Client ID: SB-5 (4-6)
Sample Location: BROOKLYN, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/04/15 02:16
Analyst: AL
Percent Solids: 83%

Date Collected: 09/29/15 10:30
Date Received: 09/29/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/03/15 04:51
Cleanup Method: EPA 3620B
Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.363	1	A
Lindane	ND		ug/kg	0.772	0.345	1	A
Alpha-BHC	ND		ug/kg	0.772	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.702	1	A
Heptachlor	ND		ug/kg	0.926	0.415	1	A
Aldrin	ND		ug/kg	1.85	0.652	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.772	0.316	1	A
Endrin ketone	ND		ug/kg	1.85	0.477	1	A
Dieldrin	ND		ug/kg	1.16	0.579	1	A
4,4'-DDE	ND		ug/kg	1.85	0.428	1	A
4,4'-DDD	ND		ug/kg	1.85	0.661	1	A
4,4'-DDT	ND		ug/kg	3.47	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.438	1	A
Endosulfan II	ND		ug/kg	1.85	0.619	1	A
Endosulfan sulfate	ND		ug/kg	0.772	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.73	1	A
cis-Chlordane	ND		ug/kg	2.32	0.645	1	A
trans-Chlordane	ND		ug/kg	2.32	0.611	1	A
Chlordane	ND		ug/kg	15.0	6.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	65		30-150	A

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/05/15 17:46
Analyst: SS

Extraction Method: EPA 3510C
Extraction Date: 10/02/15 16:48
Cleanup Method: EPA 3620B
Cleanup Date: 10/05/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 25-28 Batch: WG827397-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	121		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	118		30-150	B
Decachlorobiphenyl	122		30-150	B

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/03/15 22:48
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 10/03/15 04:49
Cleanup Method: EPA 3620B
Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29,3 Batch: WG827520-1						
Delta-BHC	ND		ug/kg	1.50	0.295	A
Lindane	ND		ug/kg	0.627	0.280	A
Alpha-BHC	ND		ug/kg	0.627	0.178	A
Beta-BHC	ND		ug/kg	1.50	0.571	A
Heptachlor	ND		ug/kg	0.753	0.338	A
Aldrin	ND		ug/kg	1.50	0.530	A
Heptachlor epoxide	ND		ug/kg	2.82	0.847	A
Endrin	ND		ug/kg	0.627	0.257	A
Endrin ketone	ND		ug/kg	1.50	0.388	A
Dieldrin	ND		ug/kg	0.941	0.470	A
4,4'-DDE	ND		ug/kg	1.50	0.348	A
4,4'-DDD	ND		ug/kg	1.50	0.537	A
4,4'-DDT	ND		ug/kg	2.82	1.21	A
Endosulfan I	ND		ug/kg	1.50	0.356	A
Endosulfan II	ND		ug/kg	1.50	0.503	A
Endosulfan sulfate	ND		ug/kg	0.627	0.299	A
Methoxychlor	ND		ug/kg	2.82	0.878	A
Toxaphene	ND		ug/kg	28.2	7.90	A
cis-Chlordane	ND		ug/kg	1.88	0.524	A
trans-Chlordane	ND		ug/kg	1.88	0.497	A
Chlordane	ND		ug/kg	12.2	4.99	A

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
 Analytical Date: 10/03/15 22:48
 Analyst: AL

Extraction Method: EPA 3546
 Extraction Date: 10/03/15 04:49
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/03/15

Parameter	Result	Qualifier	Units	RL	MDL
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Organochlorine Pesticides by GC - Westborough Lab for sample(s):
 01,03,05,07,09,11,13,15,17,19,21,23,29,3 Batch: WG827520-1

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	90		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 25-28 Batch: WG827397-2 WG827397-3									
Delta-BHC	117		130		30-150	11		20	A
Lindane	117		129		30-150	10		20	A
Alpha-BHC	127		140		30-150	10		20	A
Beta-BHC	101		111		30-150	9		20	A
Heptachlor	111		121		30-150	9		20	A
Aldrin	117		127		30-150	8		20	A
Heptachlor epoxide	107		113		30-150	5		20	A
Endrin	129		145		30-150	12		20	A
Endrin ketone	127		139		30-150	9		20	A
Dieldrin	120		129		30-150	7		20	A
4,4'-DDE	116		125		30-150	7		20	A
4,4'-DDD	126		134		30-150	6		20	A
4,4'-DDT	128		138		30-150	8		20	A
Endosulfan I	119		132		30-150	10		20	A
Endosulfan II	126		133		30-150	5		20	A
Endosulfan sulfate	115		127		30-150	10		20	A
Methoxychlor	138		145		30-150	5		20	A
cis-Chlordane	113		123		30-150	8		20	A
trans-Chlordane	118		129		30-150	9		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 25-28 Batch: WG827397-2 WG827397-3

<u>Surrogate</u>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	111		121		30-150	A
Decachlorobiphenyl	142		156	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		114		30-150	B
Decachlorobiphenyl	146		160	Q	30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524249

Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29,31 Batch: WG827520-2 WG827520-3									
Delta-BHC	77		92		30-150	18		30	A
Lindane	88		98		30-150	11		30	A
Alpha-BHC	89		104		30-150	16		30	A
Beta-BHC	94		105		30-150	11		30	A
Heptachlor	94		100		30-150	6		30	A
Aldrin	95		106		30-150	11		30	A
Heptachlor epoxide	90		98		30-150	9		30	A
Endrin	99		109		30-150	10		30	A
Endrin ketone	77		85		30-150	10		30	A
Dieldrin	96		106		30-150	10		30	A
4,4'-DDE	97		107		30-150	10		30	A
4,4'-DDD	83		92		30-150	10		30	A
4,4'-DDT	98		111		30-150	12		30	A
Endosulfan I	93		105		30-150	12		30	A
Endosulfan II	86		99		30-150	14		30	A
Endosulfan sulfate	80		90		30-150	12		30	A
Methoxychlor	85		93		30-150	9		30	A
cis-Chlordane	90		99		30-150	10		30	A
trans-Chlordane	92		101		30-150	9		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29,31 Batch: WG827520-2 WG827520-3

<u>Surrogate</u>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	91		99		30-150	B
Decachlorobiphenyl	86		94		30-150	B
2,4,5,6-Tetrachloro-m-xylene	90		98		30-150	A
Decachlorobiphenyl	98		108		30-150	A

METALS

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-01
 Client ID: SB-1 (0-2)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 09/28/15 10:10
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4700		mg/kg	9.1	1.8	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Antimony, Total	2.8	J	mg/kg	4.5	0.73	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Arsenic, Total	33		mg/kg	0.91	0.18	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Barium, Total	230		mg/kg	0.91	0.27	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Beryllium, Total	0.29	J	mg/kg	0.45	0.09	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.91	0.06	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Calcium, Total	5900		mg/kg	9.1	2.7	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Chromium, Total	15		mg/kg	0.91	0.18	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Cobalt, Total	8.5		mg/kg	1.8	0.45	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Copper, Total	220		mg/kg	0.91	0.18	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Iron, Total	35000		mg/kg	4.5	1.8	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Lead, Total	700		mg/kg	4.5	0.18	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Magnesium, Total	1200		mg/kg	9.1	0.91	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Manganese, Total	280		mg/kg	0.91	0.18	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Mercury, Total	2.5		mg/kg	0.08	0.02	1	09/29/15 09:05	09/29/15 12:35	EPA 7471B	1,7471B	DB
Nickel, Total	20		mg/kg	2.3	0.36	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Potassium, Total	780		mg/kg	230	36.	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Selenium, Total	0.32	J	mg/kg	1.8	0.27	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Silver, Total	0.36	J	mg/kg	0.91	0.18	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Sodium, Total	410		mg/kg	180	27.	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.36	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Vanadium, Total	18		mg/kg	0.91	0.09	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB
Zinc, Total	310		mg/kg	4.5	0.64	2	09/30/15 08:37	10/03/15 13:55	EPA 3050B	1,6010C	AB



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-03
 Client ID: SB-1 (4-6)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 09/28/15 10:20
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4600		mg/kg	9.5	1.9	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Antimony, Total	3.4	J	mg/kg	4.7	0.76	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Arsenic, Total	32		mg/kg	0.95	0.19	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Barium, Total	130		mg/kg	0.95	0.28	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Beryllium, Total	0.28	J	mg/kg	0.47	0.10	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Cadmium, Total	5.1		mg/kg	0.95	0.07	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Calcium, Total	5000		mg/kg	9.5	2.8	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Chromium, Total	23		mg/kg	0.95	0.19	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Cobalt, Total	6.8		mg/kg	1.9	0.47	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Copper, Total	280		mg/kg	0.95	0.19	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Iron, Total	23000		mg/kg	4.7	1.9	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Lead, Total	410		mg/kg	4.7	0.19	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Magnesium, Total	1300		mg/kg	9.5	0.95	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Manganese, Total	210		mg/kg	0.95	0.19	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Mercury, Total	4.4		mg/kg	0.78	0.16	10	09/29/15 09:05	09/29/15 13:02	EPA 7471B	1,7471B	DB
Nickel, Total	16		mg/kg	2.4	0.38	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Potassium, Total	880		mg/kg	240	38.	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.9	0.28	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Silver, Total	0.68	J	mg/kg	0.95	0.19	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Sodium, Total	270		mg/kg	190	28.	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.9	0.38	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Vanadium, Total	22		mg/kg	0.95	0.10	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB
Zinc, Total	1600		mg/kg	4.7	0.66	2	09/30/15 08:37	10/03/15 13:58	EPA 3050B	1,6010C	AB



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-05
 Client ID: SB-6 (0-2)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Percent Solids: 70%

Date Collected: 09/28/15 11:15
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7800		mg/kg	11	2.2	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Antimony, Total	1.9	J	mg/kg	5.4	0.87	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Arsenic, Total	18		mg/kg	1.1	0.22	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Barium, Total	140		mg/kg	1.1	0.32	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Beryllium, Total	0.39	J	mg/kg	0.54	0.11	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Cadmium, Total	0.50	J	mg/kg	1.1	0.08	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Calcium, Total	13000		mg/kg	11	3.2	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Chromium, Total	23		mg/kg	1.1	0.22	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Cobalt, Total	7.8		mg/kg	2.2	0.54	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Copper, Total	340		mg/kg	1.1	0.22	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Iron, Total	25000		mg/kg	5.4	2.2	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Lead, Total	350		mg/kg	5.4	0.22	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Magnesium, Total	2200		mg/kg	11	1.1	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Manganese, Total	400		mg/kg	1.1	0.22	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Mercury, Total	2.0		mg/kg	0.09	0.02	1	09/29/15 09:05	09/29/15 12:48	EPA 7471B	1,7471B	DB
Nickel, Total	16		mg/kg	2.7	0.43	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Potassium, Total	1200		mg/kg	270	43.	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	2.2	0.32	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Silver, Total	0.29	J	mg/kg	1.1	0.22	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Sodium, Total	390		mg/kg	220	32.	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	2.2	0.43	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Vanadium, Total	32		mg/kg	1.1	0.11	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB
Zinc, Total	810		mg/kg	5.4	0.76	2	09/30/15 08:37	10/03/15 14:02	EPA 3050B	1,6010C	AB



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-07
 Client ID: SB-6 (4-6)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Percent Solids: 80%

Date Collected: 09/28/15 11:20
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4100		mg/kg	9.2	1.8	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Antimony, Total	1.1	J	mg/kg	4.6	0.74	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Arsenic, Total	10		mg/kg	0.92	0.18	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Barium, Total	140		mg/kg	0.92	0.28	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Beryllium, Total	0.21	J	mg/kg	0.46	0.09	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.92	0.06	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Calcium, Total	6600		mg/kg	9.2	2.8	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Chromium, Total	14		mg/kg	0.92	0.18	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Cobalt, Total	4.3		mg/kg	1.8	0.46	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Copper, Total	330		mg/kg	0.92	0.18	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Iron, Total	15000		mg/kg	4.6	1.8	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Lead, Total	480		mg/kg	4.6	0.18	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Magnesium, Total	1600		mg/kg	9.2	0.92	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Manganese, Total	120		mg/kg	0.92	0.18	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Mercury, Total	1.3		mg/kg	0.08	0.02	1	09/29/15 09:05	09/29/15 12:50	EPA 7471B	1,7471B	DB
Nickel, Total	9.3		mg/kg	2.3	0.37	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Potassium, Total	750		mg/kg	230	37.	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Selenium, Total	0.55	J	mg/kg	1.8	0.28	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.92	0.18	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Sodium, Total	200		mg/kg	180	28.	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.37	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Vanadium, Total	20		mg/kg	0.92	0.09	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB
Zinc, Total	180		mg/kg	4.6	0.64	2	09/30/15 08:37	10/03/15 14:22	EPA 3050B	1,6010C	AB



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-09
 Client ID: SB-7 (0-2)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 09/28/15 12:15
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4100		mg/kg	10	2.0	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Antimony, Total	3.0	J	mg/kg	5.0	0.80	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Arsenic, Total	39		mg/kg	1.0	0.20	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Barium, Total	280		mg/kg	1.0	0.30	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Beryllium, Total	0.20	J	mg/kg	0.50	0.10	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Cadmium, Total	0.34	J	mg/kg	1.0	0.07	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Calcium, Total	2900		mg/kg	10	3.0	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Chromium, Total	17		mg/kg	1.0	0.20	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Cobalt, Total	5.2		mg/kg	2.0	0.50	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Copper, Total	110		mg/kg	1.0	0.20	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Iron, Total	35000		mg/kg	5.0	2.0	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Lead, Total	550		mg/kg	5.0	0.20	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Magnesium, Total	890		mg/kg	10	1.0	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Manganese, Total	100		mg/kg	1.0	0.20	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Mercury, Total	0.19		mg/kg	0.08	0.02	1	09/29/15 09:05	09/29/15 12:52	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	2.5	0.40	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Potassium, Total	600		mg/kg	250	40.	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	2.0	0.30	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	1.0	0.20	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Sodium, Total	420		mg/kg	200	30.	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	2.0	0.40	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Vanadium, Total	18		mg/kg	1.0	0.10	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB
Zinc, Total	1600		mg/kg	5.0	0.70	2	09/30/15 08:37	10/03/15 14:25	EPA 3050B	1,6010C	AB



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-11
 Client ID: SB-7 (8-10)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Percent Solids: 70%

Date Collected: 09/28/15 12:25
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5000		mg/kg	11	2.3	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	5.7	0.91	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Arsenic, Total	10		mg/kg	1.1	0.23	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Barium, Total	220		mg/kg	1.1	0.34	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Beryllium, Total	0.37	J	mg/kg	0.57	0.11	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	1.1	0.08	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Calcium, Total	3300		mg/kg	11	3.4	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Chromium, Total	21		mg/kg	1.1	0.23	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Cobalt, Total	6.7		mg/kg	2.3	0.57	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Copper, Total	46		mg/kg	1.1	0.23	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Iron, Total	12000		mg/kg	5.7	2.3	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Lead, Total	510		mg/kg	5.7	0.23	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Magnesium, Total	840		mg/kg	11	1.1	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Manganese, Total	200		mg/kg	1.1	0.23	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Mercury, Total	3.6		mg/kg	0.10	0.02	1	09/29/15 09:05	09/29/15 12:54	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	2.8	0.45	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Potassium, Total	850		mg/kg	280	45.	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	2.3	0.34	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Silver, Total	0.25	J	mg/kg	1.1	0.23	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Sodium, Total	300		mg/kg	230	34.	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	2.3	0.45	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Vanadium, Total	22		mg/kg	1.1	0.11	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB
Zinc, Total	140		mg/kg	5.7	0.79	2	09/30/15 08:37	10/03/15 14:29	EPA 3050B	1,6010C	AB



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-13
 Client ID: SB-8 (0-2)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 09/28/15 12:45
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9700		mg/kg	9.3	1.9	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.6	0.74	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Arsenic, Total	9.3		mg/kg	0.93	0.19	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Barium, Total	52		mg/kg	0.93	0.28	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Beryllium, Total	0.38	J	mg/kg	0.46	0.09	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.93	0.07	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Calcium, Total	2800		mg/kg	9.3	2.8	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Chromium, Total	22		mg/kg	0.93	0.19	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Cobalt, Total	6.6		mg/kg	1.9	0.46	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Copper, Total	350		mg/kg	0.93	0.19	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Iron, Total	23000		mg/kg	4.6	1.9	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Lead, Total	80		mg/kg	4.6	0.19	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Magnesium, Total	2100		mg/kg	9.3	0.93	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Manganese, Total	280		mg/kg	0.93	0.19	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Mercury, Total	0.12		mg/kg	0.08	0.02	1	09/29/15 09:05	09/29/15 12:56	EPA 7471B	1,7471B	DB
Nickel, Total	14		mg/kg	2.3	0.37	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Potassium, Total	970		mg/kg	230	37.	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.9	0.28	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.93	0.19	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Sodium, Total	150	J	mg/kg	190	28.	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.9	0.37	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Vanadium, Total	32		mg/kg	0.93	0.09	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB
Zinc, Total	210		mg/kg	4.6	0.65	2	09/30/15 08:37	10/03/15 14:33	EPA 3050B	1,6010C	AB



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-15
 Client ID: SB-8 (4-6)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Percent Solids: 78%

Date Collected: 09/28/15 12:50
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5600		mg/kg	10	2.0	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	5.0	0.80	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Arsenic, Total	9.7		mg/kg	1.0	0.20	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Barium, Total	120		mg/kg	1.0	0.30	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Beryllium, Total	0.52		mg/kg	0.50	0.10	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	1.0	0.07	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Calcium, Total	2400		mg/kg	10	3.0	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Chromium, Total	9.0		mg/kg	1.0	0.20	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Cobalt, Total	7.1		mg/kg	2.0	0.50	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Copper, Total	28		mg/kg	1.0	0.20	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Iron, Total	6900		mg/kg	5.0	2.0	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Lead, Total	270		mg/kg	5.0	0.20	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Magnesium, Total	450		mg/kg	10	1.0	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Manganese, Total	58		mg/kg	1.0	0.20	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Mercury, Total	0.28		mg/kg	0.09	0.02	1	09/29/15 09:05	09/29/15 12:57	EPA 7471B	1,7471B	DB
Nickel, Total	16		mg/kg	2.5	0.40	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Potassium, Total	540		mg/kg	250	40.	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Selenium, Total	0.78	J	mg/kg	2.0	0.30	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	1.0	0.20	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Sodium, Total	440		mg/kg	200	30.	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	2.0	0.40	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Vanadium, Total	30		mg/kg	1.0	0.10	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB
Zinc, Total	96		mg/kg	5.0	0.70	2	09/30/15 08:37	10/03/15 14:37	EPA 3050B	1,6010C	AB



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-17
 Client ID: SB-2 (0-2)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 09/28/15 13:45
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6200		mg/kg	8.6	1.7	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Antimony, Total	1.4	J	mg/kg	4.3	0.69	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Arsenic, Total	12		mg/kg	0.86	0.17	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Barium, Total	120		mg/kg	0.86	0.26	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Beryllium, Total	0.30	J	mg/kg	0.43	0.09	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.86	0.06	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Calcium, Total	5600		mg/kg	8.6	2.6	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Chromium, Total	17		mg/kg	0.86	0.17	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Cobalt, Total	5.9		mg/kg	1.7	0.43	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Copper, Total	120		mg/kg	0.86	0.17	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Iron, Total	17000		mg/kg	4.3	1.7	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Lead, Total	300		mg/kg	4.3	0.17	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Magnesium, Total	2200		mg/kg	8.6	0.86	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Manganese, Total	260		mg/kg	0.86	0.17	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Mercury, Total	1.3		mg/kg	0.08	0.02	1	09/29/15 09:05	09/29/15 12:59	EPA 7471B	1,7471B	DB
Nickel, Total	16		mg/kg	2.1	0.34	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Potassium, Total	1000		mg/kg	210	34.	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.7	0.26	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.86	0.17	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Sodium, Total	360		mg/kg	170	26.	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.7	0.34	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Vanadium, Total	23		mg/kg	0.86	0.09	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB
Zinc, Total	180		mg/kg	4.3	0.60	2	09/30/15 08:37	10/03/15 14:40	EPA 3050B	1,6010C	AB



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-19
 Client ID: SB-2 (4-6)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 09/28/15 13:20
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7400		mg/kg	9.5	1.9	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.8	0.76	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Arsenic, Total	30		mg/kg	0.95	0.19	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Barium, Total	130		mg/kg	0.95	0.28	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Beryllium, Total	0.38	J	mg/kg	0.48	0.10	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.95	0.07	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Calcium, Total	2900		mg/kg	9.5	2.8	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Chromium, Total	14		mg/kg	0.95	0.19	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Cobalt, Total	5.5		mg/kg	1.9	0.48	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Copper, Total	36		mg/kg	0.95	0.19	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Iron, Total	13000		mg/kg	4.8	1.9	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Lead, Total	190		mg/kg	4.8	0.19	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Magnesium, Total	1400		mg/kg	9.5	0.95	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Manganese, Total	150		mg/kg	0.95	0.19	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Mercury, Total	0.37		mg/kg	0.08	0.02	1	09/29/15 09:05	09/29/15 13:01	EPA 7471B	1,7471B	DB
Nickel, Total	11		mg/kg	2.4	0.38	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Potassium, Total	620		mg/kg	240	38.	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Selenium, Total	0.48	J	mg/kg	1.9	0.28	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.95	0.19	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Sodium, Total	430		mg/kg	190	28.	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.9	0.38	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Vanadium, Total	22		mg/kg	0.95	0.10	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB
Zinc, Total	120		mg/kg	4.8	0.67	2	09/30/15 08:37	10/03/15 15:08	EPA 3050B	1,6010C	AB



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-21
 Client ID: SB-3 (0-2)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 09/28/15 14:40
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4800		mg/kg	9.5	1.9	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Antimony, Total	2.1	J	mg/kg	4.8	0.76	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Arsenic, Total	14		mg/kg	0.95	0.19	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Barium, Total	230		mg/kg	0.95	0.29	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Beryllium, Total	0.23	J	mg/kg	0.48	0.10	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Cadmium, Total	0.39	J	mg/kg	0.95	0.07	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Calcium, Total	3900		mg/kg	9.5	2.9	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Chromium, Total	19		mg/kg	0.95	0.19	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Cobalt, Total	4.3		mg/kg	1.9	0.48	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Copper, Total	8500		mg/kg	0.95	0.19	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Iron, Total	19000		mg/kg	4.8	1.9	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Lead, Total	570		mg/kg	4.8	0.19	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Magnesium, Total	1400		mg/kg	9.5	0.95	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Manganese, Total	220		mg/kg	0.95	0.19	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Mercury, Total	7.6		mg/kg	0.82	0.17	10	09/29/15 09:05	09/29/15 13:12	EPA 7471B	1,7471B	DB
Nickel, Total	11		mg/kg	2.4	0.38	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Potassium, Total	730		mg/kg	240	38.	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Selenium, Total	2.0		mg/kg	1.9	0.29	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Silver, Total	3.7		mg/kg	0.95	0.19	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Sodium, Total	320		mg/kg	190	29.	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.9	0.38	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Vanadium, Total	19		mg/kg	0.95	0.10	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB
Zinc, Total	1100		mg/kg	4.8	0.67	2	09/30/15 08:37	10/03/15 15:11	EPA 3050B	1,6010C	AB



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-23
 Client ID: SB-3 (4-6)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 09/28/15 14:50
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6500		mg/kg	8.2	1.6	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Antimony, Total	20		mg/kg	4.1	0.66	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Arsenic, Total	9.5		mg/kg	0.82	0.16	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Barium, Total	140		mg/kg	0.82	0.25	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Beryllium, Total	0.31	J	mg/kg	0.41	0.08	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.82	0.06	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Calcium, Total	20000		mg/kg	8.2	2.5	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Chromium, Total	17		mg/kg	0.82	0.16	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Cobalt, Total	5.5		mg/kg	1.6	0.41	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Copper, Total	150		mg/kg	0.82	0.16	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Iron, Total	18000		mg/kg	4.1	1.6	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Lead, Total	250		mg/kg	4.1	0.16	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Magnesium, Total	2600		mg/kg	8.2	0.82	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Manganese, Total	280		mg/kg	0.82	0.16	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Mercury, Total	0.58		mg/kg	0.07	0.02	1	09/29/15 09:05	09/29/15 13:10	EPA 7471B	1,7471B	DB
Nickel, Total	15		mg/kg	2.0	0.33	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Potassium, Total	960		mg/kg	200	33.	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.6	0.25	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.82	0.16	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Sodium, Total	490		mg/kg	160	25.	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.6	0.33	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Vanadium, Total	17		mg/kg	0.82	0.08	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB
Zinc, Total	200		mg/kg	4.1	0.58	2	09/30/15 08:37	10/03/15 15:15	EPA 3050B	1,6010C	AB



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-25
Client ID: GW-2
Sample Location: BROOKLYN, NY
Matrix: Water

Date Collected: 09/29/15 08:45
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	0.742		mg/l	0.200	0.0338	20	09/30/15 11:54	10/01/15 18:28	EPA 3005A	1,6020A	KL
Antimony, Total	0.00047	J	mg/l	0.00200	0.00006	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Arsenic, Total	0.00075		mg/l	0.00050	0.00012	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Barium, Total	0.07705		mg/l	0.00050	0.00006	1	09/30/15 11:54	10/02/15 11:35	EPA 3005A	1,6020A	KL
Beryllium, Total	ND		mg/l	0.00050	0.00015	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Cadmium, Total	0.00011	J	mg/l	0.00020	0.00005	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Calcium, Total	70.5		mg/l	2.00	0.640	20	09/30/15 11:54	10/01/15 18:28	EPA 3005A	1,6020A	KL
Chromium, Total	0.00606		mg/l	0.00200	0.00025	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Cobalt, Total	0.00312		mg/l	0.00020	0.00006	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Copper, Total	0.00311		mg/l	0.00100	0.00026	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Iron, Total	1.58		mg/l	0.0500	0.0120	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Lead, Total	0.01225		mg/l	0.00100	0.00012	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Magnesium, Total	7.92		mg/l	0.0700	0.0223	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Manganese, Total	1.617		mg/l	0.02000	0.00604	20	09/30/15 11:54	10/01/15 18:28	EPA 3005A	1,6020A	KL
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/30/15 14:36	09/30/15 22:44	EPA 7470A	1,7470A	EA
Nickel, Total	0.00637		mg/l	0.00100	0.00008	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Potassium, Total	10.5		mg/l	0.100	0.0193	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Selenium, Total	0.00114	J	mg/l	0.00500	0.00100	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Silver, Total	ND		mg/l	0.00040	0.00007	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Sodium, Total	78.0		mg/l	2.00	0.322	20	09/30/15 11:54	10/01/15 18:28	EPA 3005A	1,6020A	KL
Thallium, Total	0.00010	J	mg/l	0.00050	0.00005	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Vanadium, Total	0.00173	J	mg/l	0.00500	0.00055	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL
Zinc, Total	0.01224		mg/l	0.01000	0.00256	1	09/30/15 11:54	10/01/15 18:31	EPA 3005A	1,6020A	KL

Dissolved Metals - Westborough Lab

Aluminum, Dissolved	0.0214		mg/l	0.0100	0.00169	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL
Antimony, Dissolved	0.00058	J	mg/l	0.00200	0.00006	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL
Arsenic, Dissolved	0.00024	J	mg/l	0.00050	0.00012	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL
Barium, Dissolved	0.07154		mg/l	0.00050	0.00006	1	09/30/15 13:25	10/02/15 12:04	EPA 3005A	1,6020A	KL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00015	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL
Cadmium, Dissolved	0.00006	J	mg/l	0.00020	0.00005	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-25
Client ID: GW-2
Sample Location: BROOKLYN, NY
Matrix: Water

Date Collected: 09/29/15 08:45
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	71.3		mg/l	2.00	0.640	20	09/30/15 13:25	10/01/15 19:53	EPA 3005A	1,6020A	KL
Chromium, Dissolved	0.00167	J	mg/l	0.00200	0.00025	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL
Cobalt, Dissolved	0.00222		mg/l	0.00020	0.00006	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL
Copper, Dissolved	0.00049	J	mg/l	0.00100	0.00026	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL
Iron, Dissolved	0.142		mg/l	0.0500	0.0120	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL
Lead, Dissolved	0.00016	J	mg/l	0.00100	0.00012	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL
Magnesium, Dissolved	6.72		mg/l	0.0700	0.0223	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL
Manganese, Dissolved	1.763		mg/l	0.02000	0.00604	20	09/30/15 13:25	10/01/15 19:53	EPA 3005A	1,6020A	KL
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	09/30/15 15:28	09/30/15 23:53	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00350		mg/l	0.00100	0.00008	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL
Potassium, Dissolved	11.0		mg/l	0.100	0.0193	1	09/30/15 13:25	10/02/15 12:04	EPA 3005A	1,6020A	KL
Selenium, Dissolved	ND		mg/l	0.00500	0.00100	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL
Silver, Dissolved	ND		mg/l	0.00040	0.00007	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL
Sodium, Dissolved	73.8		mg/l	2.00	0.322	20	09/30/15 13:25	10/01/15 19:53	EPA 3005A	1,6020A	KL
Thallium, Dissolved	0.00011	J	mg/l	0.00050	0.00005	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00055	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL
Zinc, Dissolved	0.00406	J	mg/l	0.01000	0.00256	1	09/30/15 13:25	10/01/15 19:56	EPA 3005A	1,6020A	KL



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-26
Client ID: GW-3
Sample Location: BROOKLYN, NY
Matrix: Water

Date Collected: 09/29/15 11:30
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	0.0813		mg/l	0.0100	0.00169	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Antimony, Total	0.00029	J	mg/l	0.00200	0.00006	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Arsenic, Total	0.00017	J	mg/l	0.00050	0.00012	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Barium, Total	0.05587		mg/l	0.00050	0.00006	1	09/30/15 11:54	10/02/15 11:39	EPA 3005A	1,6020A	KL
Beryllium, Total	ND		mg/l	0.00050	0.00015	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Calcium, Total	88.1		mg/l	2.00	0.640	20	09/30/15 11:54	10/01/15 18:35	EPA 3005A	1,6020A	KL
Chromium, Total	0.00373		mg/l	0.00200	0.00025	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Cobalt, Total	0.00142		mg/l	0.00020	0.00006	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Copper, Total	0.00061	J	mg/l	0.00100	0.00026	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Iron, Total	0.123		mg/l	0.0500	0.0120	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Lead, Total	0.00038	J	mg/l	0.00100	0.00012	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Magnesium, Total	8.81		mg/l	0.0700	0.0223	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Manganese, Total	0.3638		mg/l	0.00100	0.00030	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/30/15 14:36	09/30/15 22:46	EPA 7470A	1,7470A	EA
Nickel, Total	0.00305		mg/l	0.00100	0.00008	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Potassium, Total	10.3		mg/l	0.100	0.0193	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Selenium, Total	ND		mg/l	0.00500	0.00100	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Silver, Total	ND		mg/l	0.00040	0.00007	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Sodium, Total	191.		mg/l	2.00	0.322	20	09/30/15 11:54	10/01/15 18:35	EPA 3005A	1,6020A	KL
Thallium, Total	0.00007	J	mg/l	0.00050	0.00005	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Vanadium, Total	ND		mg/l	0.00500	0.00055	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Zinc, Total	0.00370	J	mg/l	0.01000	0.00256	1	09/30/15 11:54	10/01/15 18:39	EPA 3005A	1,6020A	KL
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.00838	J	mg/l	0.0100	0.00169	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Antimony, Dissolved	0.00015	J	mg/l	0.00200	0.00006	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Arsenic, Dissolved	0.00019	J	mg/l	0.00050	0.00012	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Barium, Dissolved	0.05831		mg/l	0.00050	0.00006	1	09/30/15 13:25	10/02/15 12:08	EPA 3005A	1,6020A	KL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00015	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-26
Client ID: GW-3
Sample Location: BROOKLYN, NY
Matrix: Water

Date Collected: 09/29/15 11:30
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	91.8		mg/l	2.00	0.640	20	09/30/15 13:25	10/01/15 20:00	EPA 3005A	1,6020A	KL
Chromium, Dissolved	0.00163	J	mg/l	0.00200	0.00025	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Cobalt, Dissolved	0.00129		mg/l	0.00020	0.00006	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Copper, Dissolved	0.00059	J	mg/l	0.00100	0.00026	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Iron, Dissolved	0.0139	J	mg/l	0.0500	0.0120	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Lead, Dissolved	ND		mg/l	0.00100	0.00012	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Magnesium, Dissolved	7.85		mg/l	0.0700	0.0223	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Manganese, Dissolved	0.3478		mg/l	0.00100	0.00030	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	09/30/15 15:28	10/01/15 00:02	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00193		mg/l	0.00100	0.00008	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Potassium, Dissolved	10.4		mg/l	0.100	0.0193	1	09/30/15 13:25	10/02/15 12:08	EPA 3005A	1,6020A	KL
Selenium, Dissolved	ND		mg/l	0.00500	0.00100	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Silver, Dissolved	ND		mg/l	0.00040	0.00007	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Sodium, Dissolved	187.		mg/l	2.00	0.322	20	09/30/15 13:25	10/01/15 20:00	EPA 3005A	1,6020A	KL
Thallium, Dissolved	0.00005	J	mg/l	0.00050	0.00005	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00055	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL
Zinc, Dissolved	0.02871		mg/l	0.01000	0.00256	1	09/30/15 13:25	10/01/15 20:04	EPA 3005A	1,6020A	KL



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-27
Client ID: GW-5
Sample Location: BROOKLYN, NY
Matrix: Water

Date Collected: 09/29/15 12:10
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	1.47		mg/l	0.200	0.0338	20	09/30/15 11:54	10/01/15 18:42	EPA 3005A	1,6020A	KL
Antimony, Total	0.00027	J	mg/l	0.00200	0.00006	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Arsenic, Total	0.00072		mg/l	0.00050	0.00012	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Barium, Total	0.1271		mg/l	0.00050	0.00006	1	09/30/15 11:54	10/02/15 11:42	EPA 3005A	1,6020A	KL
Beryllium, Total	ND		mg/l	0.00050	0.00015	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Cadmium, Total	0.00012	J	mg/l	0.00020	0.00005	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Calcium, Total	90.5		mg/l	2.00	0.640	20	09/30/15 11:54	10/01/15 18:42	EPA 3005A	1,6020A	KL
Chromium, Total	0.00648		mg/l	0.00200	0.00025	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Cobalt, Total	0.00598		mg/l	0.00020	0.00006	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Copper, Total	0.00335		mg/l	0.00100	0.00026	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Iron, Total	2.67		mg/l	0.0500	0.0120	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Lead, Total	0.00232		mg/l	0.00100	0.00012	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Magnesium, Total	16.7		mg/l	0.0700	0.0223	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Manganese, Total	1.530		mg/l	0.02000	0.00604	20	09/30/15 11:54	10/01/15 18:42	EPA 3005A	1,6020A	KL
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/30/15 14:36	09/30/15 22:48	EPA 7470A	1,7470A	EA
Nickel, Total	0.00737		mg/l	0.00100	0.00008	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Potassium, Total	13.0		mg/l	0.100	0.0193	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Selenium, Total	0.00110	J	mg/l	0.00500	0.00100	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Silver, Total	ND		mg/l	0.00040	0.00007	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Sodium, Total	146.		mg/l	2.00	0.322	20	09/30/15 11:54	10/01/15 18:42	EPA 3005A	1,6020A	KL
Thallium, Total	0.00018	J	mg/l	0.00050	0.00005	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Vanadium, Total	0.00205	J	mg/l	0.00500	0.00055	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Zinc, Total	0.00684	J	mg/l	0.01000	0.00256	1	09/30/15 11:54	10/01/15 18:46	EPA 3005A	1,6020A	KL
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.0767		mg/l	0.0100	0.00169	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL
Antimony, Dissolved	0.00016	J	mg/l	0.00200	0.00006	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL
Arsenic, Dissolved	0.00023	J	mg/l	0.00050	0.00012	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL
Barium, Dissolved	0.1139		mg/l	0.00050	0.00006	1	09/30/15 13:25	10/02/15 13:32	EPA 3005A	1,6020A	KL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00015	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL
Cadmium, Dissolved	0.00011	J	mg/l	0.00020	0.00005	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-27
Client ID: GW-5
Sample Location: BROOKLYN, NY
Matrix: Water

Date Collected: 09/29/15 12:10
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	83.0		mg/l	2.00	0.640	20	09/30/15 13:25	10/01/15 20:07	EPA 3005A	1,6020A	KL
Chromium, Dissolved	0.00140	J	mg/l	0.00200	0.00025	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL
Cobalt, Dissolved	0.00421		mg/l	0.00020	0.00006	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL
Copper, Dissolved	0.00083	J	mg/l	0.00100	0.00026	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL
Iron, Dissolved	0.173		mg/l	0.0500	0.0120	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL
Lead, Dissolved	0.00017	J	mg/l	0.00100	0.00012	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL
Magnesium, Dissolved	13.9		mg/l	0.0700	0.0223	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL
Manganese, Dissolved	1.320		mg/l	0.02000	0.00604	20	09/30/15 13:25	10/01/15 20:07	EPA 3005A	1,6020A	KL
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	09/30/15 15:28	10/01/15 00:04	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00341		mg/l	0.00100	0.00008	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL
Potassium, Dissolved	11.6		mg/l	0.100	0.0193	1	09/30/15 13:25	10/02/15 13:32	EPA 3005A	1,6020A	KL
Selenium, Dissolved	ND		mg/l	0.00500	0.00100	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL
Silver, Dissolved	ND		mg/l	0.00040	0.00007	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL
Sodium, Dissolved	127.		mg/l	2.00	0.322	20	09/30/15 13:25	10/01/15 20:07	EPA 3005A	1,6020A	KL
Thallium, Dissolved	0.00013	J	mg/l	0.00050	0.00005	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00055	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL
Zinc, Dissolved	0.02040		mg/l	0.01000	0.00256	1	09/30/15 13:25	10/01/15 20:11	EPA 3005A	1,6020A	KL



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-28
Client ID: GW-1
Sample Location: BROOKLYN, NY
Matrix: Water

Date Collected: 09/29/15 12:50
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	1.14		mg/l	0.200	0.0338	20	09/30/15 11:54	10/01/15 18:57	EPA 3005A	1,6020A	KL
Antimony, Total	0.00080	J	mg/l	0.00200	0.00006	1	09/30/15 11:54	10/01/15 19:01	EPA 3005A	1,6020A	KL
Arsenic, Total	0.00785		mg/l	0.00050	0.00012	1	09/30/15 11:54	10/01/15 19:01	EPA 3005A	1,6020A	KL
Barium, Total	0.3939		mg/l	0.00050	0.00006	1	09/30/15 11:54	10/02/15 11:46	EPA 3005A	1,6020A	KL
Beryllium, Total	ND		mg/l	0.00050	0.00015	1	09/30/15 11:54	10/01/15 19:01	EPA 3005A	1,6020A	KL
Cadmium, Total	0.00104		mg/l	0.00020	0.00005	1	09/30/15 11:54	10/01/15 19:01	EPA 3005A	1,6020A	KL
Calcium, Total	294.		mg/l	2.00	0.640	20	09/30/15 11:54	10/01/15 18:57	EPA 3005A	1,6020A	KL
Chromium, Total	0.00961		mg/l	0.00200	0.00025	1	09/30/15 11:54	10/01/15 19:01	EPA 3005A	1,6020A	KL
Cobalt, Total	0.02965		mg/l	0.00020	0.00006	1	09/30/15 11:54	10/01/15 19:01	EPA 3005A	1,6020A	KL
Copper, Total	0.01264		mg/l	0.00100	0.00026	1	09/30/15 11:54	10/01/15 19:01	EPA 3005A	1,6020A	KL
Iron, Total	14.0		mg/l	0.0500	0.0120	1	09/30/15 11:54	10/01/15 19:01	EPA 3005A	1,6020A	KL
Lead, Total	0.9542		mg/l	0.02000	0.00258	20	09/30/15 11:54	10/01/15 18:57	EPA 3005A	1,6020A	KL
Magnesium, Total	41.2		mg/l	0.0700	0.0223	1	09/30/15 11:54	10/01/15 19:01	EPA 3005A	1,6020A	KL
Manganese, Total	3.790		mg/l	0.02000	0.00604	20	09/30/15 11:54	10/01/15 18:57	EPA 3005A	1,6020A	KL
Mercury, Total	0.00033		mg/l	0.00020	0.00006	1	09/30/15 14:36	09/30/15 22:50	EPA 7470A	1,7470A	EA
Nickel, Total	0.1041		mg/l	0.00100	0.00008	1	09/30/15 11:54	10/01/15 19:01	EPA 3005A	1,6020A	KL
Potassium, Total	27.3		mg/l	0.100	0.0193	1	09/30/15 11:54	10/02/15 11:46	EPA 3005A	1,6020A	KL
Selenium, Total	ND		mg/l	0.00500	0.00100	1	09/30/15 11:54	10/01/15 19:01	EPA 3005A	1,6020A	KL
Silver, Total	0.00008	J	mg/l	0.00040	0.00007	1	09/30/15 11:54	10/01/15 19:01	EPA 3005A	1,6020A	KL
Sodium, Total	202.		mg/l	2.00	0.322	20	09/30/15 11:54	10/01/15 18:57	EPA 3005A	1,6020A	KL
Thallium, Total	ND		mg/l	0.00050	0.00005	1	09/30/15 11:54	10/01/15 19:01	EPA 3005A	1,6020A	KL
Vanadium, Total	0.00538		mg/l	0.00500	0.00055	1	09/30/15 11:54	10/01/15 19:01	EPA 3005A	1,6020A	KL
Zinc, Total	0.06847		mg/l	0.01000	0.00256	1	09/30/15 11:54	10/01/15 19:01	EPA 3005A	1,6020A	KL
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.0176		mg/l	0.0100	0.00169	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL
Antimony, Dissolved	0.00036	J	mg/l	0.00200	0.00006	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL
Arsenic, Dissolved	0.00275		mg/l	0.00050	0.00012	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL
Barium, Dissolved	0.2923		mg/l	0.00050	0.00006	1	09/30/15 13:25	10/02/15 13:35	EPA 3005A	1,6020A	KL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00015	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL
Cadmium, Dissolved	0.00018	J	mg/l	0.00020	0.00005	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-28
Client ID: GW-1
Sample Location: BROOKLYN, NY
Matrix: Water

Date Collected: 09/29/15 12:50
Date Received: 09/29/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	308.		mg/l	2.00	0.640	20	09/30/15 13:25	10/01/15 20:15	EPA 3005A	1,6020A	KL
Chromium, Dissolved	0.00146	J	mg/l	0.00200	0.00025	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL
Cobalt, Dissolved	0.02584		mg/l	0.00020	0.00006	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL
Copper, Dissolved	0.00184		mg/l	0.00100	0.00026	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL
Iron, Dissolved	0.595		mg/l	0.0500	0.0120	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL
Lead, Dissolved	0.00290		mg/l	0.00100	0.00012	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL
Magnesium, Dissolved	38.7		mg/l	0.0700	0.0223	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL
Manganese, Dissolved	3.848		mg/l	0.02000	0.00604	20	09/30/15 13:25	10/01/15 20:15	EPA 3005A	1,6020A	KL
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	09/30/15 15:28	10/01/15 00:06	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.08916		mg/l	0.00100	0.00008	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL
Potassium, Dissolved	25.8		mg/l	0.100	0.0193	1	09/30/15 13:25	10/02/15 13:35	EPA 3005A	1,6020A	KL
Selenium, Dissolved	ND		mg/l	0.00500	0.00100	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL
Silver, Dissolved	ND		mg/l	0.00040	0.00007	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL
Sodium, Dissolved	202.		mg/l	2.00	0.322	20	09/30/15 13:25	10/01/15 20:15	EPA 3005A	1,6020A	KL
Thallium, Dissolved	0.00011	J	mg/l	0.00050	0.00005	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00055	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL
Zinc, Dissolved	0.03498		mg/l	0.01000	0.00256	1	09/30/15 13:25	10/01/15 20:26	EPA 3005A	1,6020A	KL



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-29
 Client ID: SB-5 (0-2)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Percent Solids: 71%

Date Collected: 09/29/15 10:20
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4100		mg/kg	10	2.1	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Antimony, Total	4.7	J	mg/kg	5.3	0.84	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Arsenic, Total	11		mg/kg	1.0	0.21	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Barium, Total	160		mg/kg	1.0	0.32	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Beryllium, Total	0.20	J	mg/kg	0.53	0.10	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Cadmium, Total	0.08	J	mg/kg	1.0	0.07	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Calcium, Total	4800		mg/kg	10	3.2	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Chromium, Total	14		mg/kg	1.0	0.21	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Cobalt, Total	4.5		mg/kg	2.1	0.53	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Copper, Total	66		mg/kg	1.0	0.21	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Iron, Total	15000		mg/kg	5.3	2.1	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Lead, Total	570		mg/kg	5.3	0.21	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Magnesium, Total	1400		mg/kg	10	1.0	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Manganese, Total	210		mg/kg	1.0	0.21	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Mercury, Total	2.0		mg/kg	0.10	0.02	1	10/01/15 09:40	10/01/15 15:29	EPA 7471B	1,7471B	DB
Nickel, Total	11		mg/kg	2.6	0.42	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Potassium, Total	750		mg/kg	260	42.	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	2.1	0.32	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	1.0	0.21	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Sodium, Total	340		mg/kg	210	32.	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	2.1	0.42	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Vanadium, Total	17		mg/kg	1.0	0.10	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB
Zinc, Total	270		mg/kg	5.3	0.74	2	09/30/15 08:37	10/03/15 15:19	EPA 3050B	1,6010C	AB



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-31
 Client ID: SB-5 (4-6)
 Sample Location: BROOKLYN, NY
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 09/29/15 10:30
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	14000		mg/kg	9.3	1.8	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.6	0.74	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Arsenic, Total	12		mg/kg	0.93	0.18	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Barium, Total	29		mg/kg	0.93	0.28	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Beryllium, Total	0.36	J	mg/kg	0.46	0.09	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.93	0.07	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Calcium, Total	920		mg/kg	9.3	2.8	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Chromium, Total	18		mg/kg	0.93	0.18	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Cobalt, Total	8.6		mg/kg	1.8	0.46	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Copper, Total	13		mg/kg	0.93	0.18	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Iron, Total	21000		mg/kg	4.6	1.8	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Lead, Total	ND		mg/kg	4.6	0.18	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Magnesium, Total	2400		mg/kg	9.3	0.93	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Manganese, Total	290		mg/kg	0.93	0.18	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Mercury, Total	0.04	J	mg/kg	0.08	0.02	1	10/01/15 09:40	10/01/15 15:31	EPA 7471B	1,7471B	DB
Nickel, Total	12		mg/kg	2.3	0.37	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Potassium, Total	860		mg/kg	230	37.	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.8	0.28	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.93	0.18	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Sodium, Total	120	J	mg/kg	180	28.	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.37	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Vanadium, Total	26		mg/kg	0.93	0.09	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB
Zinc, Total	32		mg/kg	4.6	0.65	2	09/30/15 08:37	10/03/15 15:23	EPA 3050B	1,6010C	AB



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15,17,19,21,23 Batch: WG825847-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	09/29/15 09:05	09/29/15 12:31	1,7471B	DB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 25-28 Batch: WG826342-1										
Aluminum, Total	ND		mg/l	0.0100	0.00169	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Antimony, Total	0.00017	J	mg/l	0.00200	0.00006	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Arsenic, Total	ND		mg/l	0.00050	0.00012	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Barium, Total	ND		mg/l	0.00050	0.00006	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Beryllium, Total	ND		mg/l	0.00050	0.00015	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Calcium, Total	ND		mg/l	0.100	0.0320	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Chromium, Total	0.00137	J	mg/l	0.00200	0.00025	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Cobalt, Total	ND		mg/l	0.00020	0.00006	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Copper, Total	ND		mg/l	0.00100	0.00026	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Iron, Total	ND		mg/l	0.0500	0.0120	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Lead, Total	ND		mg/l	0.00100	0.00012	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Magnesium, Total	ND		mg/l	0.0700	0.0223	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Manganese, Total	ND		mg/l	0.00100	0.00030	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Nickel, Total	0.00094	J	mg/l	0.00100	0.00008	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Potassium, Total	0.0202	J	mg/l	0.100	0.0193	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Selenium, Total	ND		mg/l	0.00500	0.00100	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Silver, Total	ND		mg/l	0.00040	0.00007	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Sodium, Total	0.0525	J	mg/l	0.100	0.0161	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Thallium, Total	0.00006	J	mg/l	0.00050	0.00005	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Vanadium, Total	ND		mg/l	0.00500	0.00055	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL
Zinc, Total	ND		mg/l	0.01000	0.00256	1	09/30/15 11:54	10/01/15 12:29	1,6020A	KL

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29,3 Batch: WG826358-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Antimony, Total	ND	mg/kg	2.0	0.32	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Arsenic, Total	ND	mg/kg	0.40	0.08	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Barium, Total	ND	mg/kg	0.40	0.12	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Beryllium, Total	ND	mg/kg	0.20	0.04	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Cadmium, Total	ND	mg/kg	0.40	0.03	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Calcium, Total	ND	mg/kg	4.0	1.2	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Chromium, Total	ND	mg/kg	0.40	0.08	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Cobalt, Total	ND	mg/kg	0.80	0.20	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Copper, Total	ND	mg/kg	0.40	0.08	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Iron, Total	ND	mg/kg	2.0	0.80	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Lead, Total	ND	mg/kg	2.0	0.08	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Magnesium, Total	ND	mg/kg	4.0	0.40	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Manganese, Total	ND	mg/kg	0.40	0.08	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Nickel, Total	ND	mg/kg	1.0	0.16	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Potassium, Total	ND	mg/kg	100	16.	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Selenium, Total	ND	mg/kg	0.80	0.12	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Silver, Total	ND	mg/kg	0.40	0.08	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Sodium, Total	ND	mg/kg	80	12.	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Thallium, Total	ND	mg/kg	0.80	0.16	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Vanadium, Total	ND	mg/kg	0.40	0.04	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB
Zinc, Total	ND	mg/kg	2.0	0.28	1	09/30/15 08:37	10/03/15 13:35	1,6010C	AB

Prep Information

Digestion Method: EPA 3050B



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 25-28 Batch: WG826440-1										
Aluminum, Dissolved	0.00432	J	mg/l	0.0100	0.00169	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Antimony, Dissolved	0.00098	J	mg/l	0.00200	0.00006	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Arsenic, Dissolved	ND		mg/l	0.00050	0.00012	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Barium, Dissolved	ND		mg/l	0.00050	0.00006	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00015	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Calcium, Dissolved	ND		mg/l	0.100	0.0320	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Chromium, Dissolved	0.00119	J	mg/l	0.00200	0.00025	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Cobalt, Dissolved	ND		mg/l	0.00020	0.00006	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Copper, Dissolved	ND		mg/l	0.00100	0.00026	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Iron, Dissolved	ND		mg/l	0.0500	0.0120	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Lead, Dissolved	ND		mg/l	0.00050	0.00012	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Magnesium, Dissolved	ND		mg/l	0.0700	0.0223	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Manganese, Dissolved	ND		mg/l	0.00100	0.00030	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Nickel, Dissolved	0.00051	J	mg/l	0.00100	0.00008	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Potassium, Dissolved	ND		mg/l	0.100	0.0193	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Selenium, Dissolved	ND		mg/l	0.00500	0.00100	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Silver, Dissolved	ND		mg/l	0.00040	0.00007	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Sodium, Dissolved	0.0444	J	mg/l	0.100	0.0161	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Thallium, Dissolved	ND		mg/l	0.00050	0.00005	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00055	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL
Zinc, Dissolved	ND		mg/l	0.01000	0.00256	1	09/30/15 13:25	10/01/15 11:45	1,6020A	KL

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 25-28 Batch: WG826513-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/30/15 14:36	09/30/15 22:19	1,7470A	EA



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 25-28 Batch: WG826549-1									
Mercury, Dissolved	ND	mg/l	0.00020	0.00006	1	09/30/15 15:28	09/30/15 23:50	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 29,31 Batch: WG826692-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	10/01/15 09:40	10/01/15 12:12	1,7471B	DB

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23 Batch: WG825847-2 SRM Lot Number: D088-540								
Mercury, Total	96		-		72-128			-

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 25-28 Batch: WG826342-2					
Aluminum, Total	107	-	80-120	-	
Antimony, Total	99	-	80-120	-	
Arsenic, Total	104	-	80-120	-	
Barium, Total	105	-	80-120	-	
Beryllium, Total	108	-	80-120	-	
Cadmium, Total	123	Q	80-120	-	
Calcium, Total	109	-	80-120	-	
Chromium, Total	100	-	80-120	-	
Cobalt, Total	101	-	80-120	-	
Copper, Total	107	-	80-120	-	
Iron, Total	98	-	80-120	-	
Lead, Total	108	-	80-120	-	
Magnesium, Total	113	-	80-120	-	
Manganese, Total	102	-	80-120	-	
Nickel, Total	106	-	80-120	-	
Potassium, Total	111	-	80-120	-	
Selenium, Total	100	-	80-120	-	
Silver, Total	100	-	80-120	-	
Sodium, Total	114	-	80-120	-	
Thallium, Total	104	-	80-120	-	
Vanadium, Total	103	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 25-28 Batch: WG826342-2					
Zinc, Total	102	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524249

Report Date: 10/07/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29,3 Batch: WG826358-2 SRM Lot Number: D088-540					
Aluminum, Total	92	-	48-151	-	
Antimony, Total	150	-	1-208	-	
Arsenic, Total	105	-	79-121	-	
Barium, Total	94	-	83-117	-	
Beryllium, Total	98	-	83-117	-	
Cadmium, Total	94	-	83-117	-	
Calcium, Total	94	-	81-119	-	
Chromium, Total	92	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	103	-	45-155	-	
Lead, Total	81	-	81-117	-	
Magnesium, Total	91	-	76-124	-	
Manganese, Total	93	-	81-118	-	
Nickel, Total	94	-	83-117	-	
Potassium, Total	96	-	71-129	-	
Selenium, Total	102	-	78-122	-	
Silver, Total	96	-	75-124	-	
Sodium, Total	103	-	72-127	-	
Thallium, Total	95	-	80-120	-	
Vanadium, Total	97	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29,3 Batch: WG826358-2 SRM Lot Number: D088-540					
Zinc, Total	92	-	82-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524249

Report Date: 10/07/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 25-28 Batch: WG826440-2					
Aluminum, Dissolved	106	-	80-120	-	
Antimony, Dissolved	97	-	80-120	-	
Arsenic, Dissolved	106	-	80-120	-	
Barium, Dissolved	101	-	80-120	-	
Beryllium, Dissolved	111	-	80-120	-	
Cadmium, Dissolved	120	-	80-120	-	
Calcium, Dissolved	109	-	80-120	-	
Chromium, Dissolved	102	-	80-120	-	
Cobalt, Dissolved	105	-	80-120	-	
Copper, Dissolved	109	-	80-120	-	
Iron, Dissolved	100	-	80-120	-	
Lead, Dissolved	107	-	80-120	-	
Magnesium, Dissolved	115	-	80-120	-	
Manganese, Dissolved	104	-	80-120	-	
Nickel, Dissolved	109	-	80-120	-	
Potassium, Dissolved	110	-	80-120	-	
Selenium, Dissolved	119	-	80-120	-	
Silver, Dissolved	97	-	80-120	-	
Sodium, Dissolved	117	-	80-120	-	
Thallium, Dissolved	101	-	80-120	-	
Vanadium, Dissolved	99	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524249

Report Date: 10/07/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 25-28 Batch: WG826440-2					
Zinc, Dissolved	101	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 25-28 Batch: WG826513-2					
Mercury, Total	114	-	80-120	-	
Dissolved Metals - Westborough Lab Associated sample(s): 25-28 Batch: WG826549-2					
Mercury, Dissolved	110	-	70-130	-	
Total Metals - Westborough Lab Associated sample(s): 29,31 Batch: WG826692-2 SRM Lot Number: D088-540					
Mercury, Total	101	-	72-128	-	

Matrix Spike Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23 QC Batch ID: WG825847-4 QC Sample: L1524249-01 Client ID: SB-1 (0-2)												
Mercury, Total	2.5	0.152	2.7	132	Q	-	-		80-120	-		20



Matrix Spike Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 25-28 QC Batch ID: WG826342-4 QC Sample: L1524284-02 Client ID: MS Sample									
Aluminum, Total	0.214	2	2.66	122	-	-	75-125	-	20
Antimony, Total	0.0034	0.5	0.6554	130	Q	-	75-125	-	20
Arsenic, Total	0.00303	0.12	0.1498	122	-	-	75-125	-	20
Barium, Total	0.0595	2	2.558	125	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05772	115	-	-	75-125	-	20
Cadmium, Total	0.0001J	0.051	0.06556	128	Q	-	75-125	-	20
Calcium, Total	85.4	10	112	266	Q	-	75-125	-	20
Chromium, Total	0.00566	0.2	0.2358	115	-	-	75-125	-	20
Cobalt, Total	0.0005	0.5	0.6144	123	-	-	75-125	-	20
Copper, Total	0.00584	0.25	0.3164	124	-	-	75-125	-	20
Iron, Total	0.427	1	1.57	114	-	-	75-125	-	20
Lead, Total	0.00083	0.51	0.6426	126	Q	-	75-125	-	20
Magnesium, Total	3.27	10	16.6	133	Q	-	75-125	-	20
Manganese, Total	0.0109	0.5	0.6090	120	-	-	75-125	-	20
Nickel, Total	0.00686	0.5	0.6036	119	-	-	75-125	-	20
Potassium, Total	77.8	10	107	292	Q	-	75-125	-	20
Selenium, Total	0.007	0.12	0.166	132	Q	-	75-125	-	20
Silver, Total	ND	0.05	0.05646	113	-	-	75-125	-	20
Sodium, Total	406.	10	539	1330	Q	-	75-125	-	20
Thallium, Total	ND	0.12	0.1451	121	-	-	75-125	-	20
Vanadium, Total	0.0348	0.5	0.6298	119	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 25-28 QC Batch ID: WG826342-4 QC Sample: L1524284-02 Client ID: MS Sample									
Zinc, Total	0.0072J	0.5	0.6192	124	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29,3 QC Batch ID: WG826358-4 QC Sample: L1524208-01 Client ID: MS Sample									
Aluminum, Total	7800	157	8100	191	Q	-	75-125	-	20
Antimony, Total	2.0J	39.2	30	76		-	75-125	-	20
Arsenic, Total	7.2	9.42	18	115		-	75-125	-	20
Barium, Total	150	157	310	102		-	75-125	-	20
Beryllium, Total	0.32J	3.92	3.7	94		-	75-125	-	20
Cadmium, Total	ND	4	3.0	75		-	75-125	-	20
Calcium, Total	10000	785	9500	0	Q	-	75-125	-	20
Chromium, Total	16.	15.7	31	96		-	75-125	-	20
Cobalt, Total	6.1	39.2	38	81		-	75-125	-	20
Copper, Total	53.	19.6	82	148	Q	-	75-125	-	20
Iron, Total	17000	78.5	26000	11500	Q	-	75-125	-	20
Lead, Total	370	40	400	75		-	75-125	-	20
Magnesium, Total	2800	785	3100	38	Q	-	75-125	-	20
Manganese, Total	250	39.2	350	255	Q	-	75-125	-	20
Nickel, Total	16.	39.2	50	87		-	75-125	-	20
Potassium, Total	1600	785	2200	76		-	75-125	-	20
Selenium, Total	ND	9.42	8.7	92		-	75-125	-	20
Silver, Total	ND	23.5	23	98		-	75-125	-	20
Sodium, Total	100J	785	940	120		-	75-125	-	20
Thallium, Total	ND	9.42	6.5	69	Q	-	75-125	-	20
Vanadium, Total	23.	39.2	58	89		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29,3 QC Batch ID: WG826358-4 QC Sample: L1524208-01 Client ID: MS Sample									
Zinc, Total	220	39.2	280	153	Q	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 25-28 QC Batch ID: WG826440-4 QC Sample: L1524284-02 Client ID: MS Sample									
Aluminum, Dissolved	0.114	2	2.51	120	-	-	75-125	-	20
Antimony, Dissolved	0.0029	0.5	0.6644	132	Q	-	75-125	-	20
Arsenic, Dissolved	0.00256	0.12	0.1533	126	Q	-	75-125	-	20
Barium, Dissolved	0.0485	2	2.452	120	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05614	112	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.06388	125	-	-	75-125	-	20
Calcium, Dissolved	72.5	10	102	295	Q	-	75-125	-	20
Chromium, Dissolved	0.00393	0.2	0.2306	113	-	-	75-125	-	20
Cobalt, Dissolved	0.0004	0.5	0.5784	116	-	-	75-125	-	20
Copper, Dissolved	0.00445	0.25	0.3152	124	-	-	75-125	-	20
Iron, Dissolved	0.050J	1	1.14	114	-	-	75-125	-	20
Lead, Dissolved	0.00016J	0.51	0.6226	122	-	-	75-125	-	20
Magnesium, Dissolved	2.82	10	16.0	132	Q	-	75-125	-	20
Manganese, Dissolved	0.003	0.5	0.5932	118	-	-	75-125	-	20
Nickel, Dissolved	0.00619	0.5	0.6076	120	-	-	75-125	-	20
Potassium, Dissolved	68.1	10	98.5	304	Q	-	75-125	-	20
Selenium, Dissolved	0.005J	0.12	0.136	113	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.05384	108	-	-	75-125	-	20
Sodium, Dissolved	358.	10	495	1370	Q	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1408	117	-	-	75-125	-	20
Vanadium, Dissolved	0.0309	0.5	0.6246	119	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 25-28 QC Batch ID: WG826440-4 QC Sample: L1524284-02 Client ID: MS Sample									
Zinc, Dissolved	0.0239	0.5	0.6260	120	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 25-28 QC Batch ID: WG826513-3 WG826513-4 QC Sample: L1524025-04 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00506	101	0.00508	102	80-120	0	20
Dissolved Metals - Westborough Lab Associated sample(s): 25-28 QC Batch ID: WG826549-4 QC Sample: L1524249-25 Client ID: GW-2									
Mercury, Dissolved	ND	0.005	0.00489	98	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 29,31 QC Batch ID: WG826692-4 QC Sample: L1524607-01 Client ID: MS Sample									
Mercury, Total	0.03J	0.139	0.15	108	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524249

Report Date: 10/07/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23 QC Batch ID: WG825847-3 QC Sample: L1524249-01 Client ID: SB-1 (0-2)						
Mercury, Total	2.5	2.3	mg/kg	8		20
Total Metals - Westborough Lab Associated sample(s): 25-28 QC Batch ID: WG826342-3 QC Sample: L1524284-02 Client ID: DUP Sample						
Arsenic, Total	0.00303	0.00308	mg/l	2		20
Chromium, Total	0.00566	0.00572	mg/l	1		20
Copper, Total	0.00584	0.00680	mg/l	15		20
Lead, Total	0.00083	0.00078	mg/l	6.2		20
Nickel, Total	0.00686	0.00679	mg/l	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524249

Report Date: 10/07/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29,3 QC Batch ID: WG826358-3 QC Sample: L1524208-01 Client ID: DUP Sample					
Aluminum, Total	7800	7400	mg/kg	5	20
Antimony, Total	2.0J	2.1J	mg/kg	NC	20
Arsenic, Total	7.2	7.4	mg/kg	3	20
Barium, Total	150	170	mg/kg	13	20
Beryllium, Total	0.32J	0.33J	mg/kg	NC	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	10000	8000	mg/kg	22	Q 20
Chromium, Total	16.	16	mg/kg	0	20
Cobalt, Total	6.1	6.1	mg/kg	0	20
Copper, Total	53.	55	mg/kg	4	20
Iron, Total	17000	17000	mg/kg	0	20
Lead, Total	370	380	mg/kg	3	20
Magnesium, Total	2800	2500	mg/kg	11	20
Manganese, Total	250	260	mg/kg	4	20
Nickel, Total	16.	15	mg/kg	6	20
Potassium, Total	1600	1400	mg/kg	13	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Thallium, Total	ND	ND	mg/kg	NC	20

Lab Duplicate Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29,3 QC Batch ID: WG826358-3 QC Sample: L1524208-01 Client ID: DUP Sample					
Vanadium, Total	23.	23	mg/kg	0	20
Zinc, Total	220	230	mg/kg	4	20
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,29,3 QC Batch ID: WG826358-3 QC Sample: L1524208-01 Client ID: DUP Sample					
Sodium, Total	100J	100J	mg/kg	NC	20
Dissolved Metals - Westborough Lab Associated sample(s): 25-28 QC Batch ID: WG826440-3 QC Sample: L1524284-01 Client ID: DUP Sample					
Arsenic, Dissolved	0.01140	0.01280	mg/l	12	20
Chromium, Dissolved	0.00945	0.01046	mg/l	10	20
Copper, Dissolved	0.01310	0.01468	mg/l	11	20
Lead, Dissolved	0.01372	0.01357	mg/l	1	20
Nickel, Dissolved	0.01079	0.01129	mg/l	5	20
Dissolved Metals - Westborough Lab Associated sample(s): 25-28 QC Batch ID: WG826549-3 QC Sample: L1524249-25 Client ID: GW-2					
Mercury, Dissolved	ND	ND	mg/l	NC	20
Total Metals - Westborough Lab Associated sample(s): 29,31 QC Batch ID: WG826692-3 QC Sample: L1524607-01 Client ID: DUP Sample					
Mercury, Total	0.03J	ND	mg/kg	NC	20



INORGANICS & MISCELLANEOUS

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-01**Date Collected:** 09/28/15 10:10**Client ID:** SB-1 (0-2)**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-02**Date Collected:** 09/28/15 10:10**Client ID:** SB-1 (1-2)G**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-03**Date Collected:** 09/28/15 10:20**Client ID:** SB-1 (4-6)**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-04**Date Collected:** 09/28/15 10:20**Client ID:** SB-1 (4-6)G**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-05**Date Collected:** 09/28/15 11:15**Client ID:** SB-6 (0-2)**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.8		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS**

Lab ID: L1524249-06

Date Collected: 09/28/15 11:15

Client ID: SB-6 (1-2)G

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.8		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-07**Date Collected:** 09/28/15 11:20**Client ID:** SB-6 (4-6)**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.4		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-08**Date Collected:** 09/28/15 11:20**Client ID:** SB-6 (5-6)G**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.4		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-09**Date Collected:** 09/28/15 12:15**Client ID:** SB-7 (0-2)**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.8		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-10

Date Collected: 09/28/15 12:15

Client ID: SB-7 (3-4)G

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.8		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-11**Date Collected:** 09/28/15 12:25**Client ID:** SB-7 (8-10)**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.6		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-12**Date Collected:** 09/28/15 12:25**Client ID:** SB-7 (9-10)G**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.6		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-13**Date Collected:** 09/28/15 12:45**Client ID:** SB-8 (0-2)**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-14**Date Collected:** 09/28/15 12:45**Client ID:** SB-8 (1-2)G**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-15**Date Collected:** 09/28/15 12:50**Client ID:** SB-8 (4-6)**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.6		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-16**Date Collected:** 09/28/15 12:50**Client ID:** SB-8 (5-6)G**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.6		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-17**Date Collected:** 09/28/15 13:45**Client ID:** SB-2 (0-2)**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

SAMPLE RESULTS

Lab ID: L1524249-18
Client ID: SB-2 (1-2)G
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 09/28/15 13:45
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-19**Date Collected:** 09/28/15 13:20**Client ID:** SB-2 (4-6)**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.6		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Project Number:** 12306**Lab Number:** L1524249**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-20**Client ID:** SB-2 (5-6)G**Sample Location:** BROOKLYN, NY**Matrix:** Soil**Date Collected:** 09/28/15 13:20**Date Received:** 09/28/15**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.6		%	0.100	NA	1	-	09/29/15 11:47	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-21**Date Collected:** 09/28/15 14:40**Client ID:** SB-3 (0-2)**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	09/29/15 12:30	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-22**Date Collected:** 09/28/15 14:40**Client ID:** SB-3 (1-2)G**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	09/29/15 12:30	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-23**Date Collected:** 09/28/15 14:50**Client ID:** SB-3 (4-6)**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	09/29/15 12:30	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-24**Date Collected:** 09/28/15 14:50**Client ID:** SB-3 (5-6)G**Date Received:** 09/28/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	09/29/15 12:30	30,2540G	RI



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-29**Date Collected:** 09/29/15 10:20**Client ID:** SB-5 (0-2)**Date Received:** 09/29/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.8		%	0.100	NA	1	-	09/30/15 03:38	30,2540G	RT



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-30**Date Collected:** 09/29/15 10:21**Client ID:** SB-5 (1-2)G**Date Received:** 09/29/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.8		%	0.100	NA	1	-	09/30/15 03:38	30,2540G	RT



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS****Lab ID:** L1524249-31**Date Collected:** 09/29/15 10:30**Client ID:** SB-5 (4-6)**Date Received:** 09/29/15**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	09/30/15 03:38	30,2540G	RT



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524249**Project Number:** 12306**Report Date:** 10/07/15**SAMPLE RESULTS**

Lab ID: L1524249-32

Date Collected: 09/29/15 10:31

Client ID: SB-5 (5-6)G

Date Received: 09/29/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	09/30/15 03:38	30,2540G	RT



Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524249

Report Date: 10/07/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG826019-1 QC Sample: L1524249-01 Client ID: SB-1 (0-2)						
Solids, Total	84.3	87.9	%	4		20
General Chemistry - Westborough Lab Associated sample(s): 21-24 QC Batch ID: WG826023-1 QC Sample: L1524231-02 Client ID: DUP Sample						
Solids, Total	98.8	98.9	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 29-32 QC Batch ID: WG826264-1 QC Sample: L1524249-29 Client ID: SB-5 (0-2)						
Solids, Total	70.8	69.6	%	2		20

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524249

Project Number: 12306

Report Date: 10/07/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 09/29/2015 03:46

Cooler Information Custody Seal

Cooler

A	Absent
B1	Absent
A1	Absent
C1	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524249-01A	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)
L1524249-01B	Glass 250ml/8oz unpreserved	A	N/A	5.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524249-02A	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-02B	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-02C	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-02X	Vial MeOH preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-02Y	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-02Z	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-03A	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)
L1524249-03B	Glass 250ml/8oz unpreserved	A	N/A	5.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days



Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524249

Report Date: 10/07/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524249-04A	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-04B	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-04C	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-04X	Vial MeOH preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-04Y	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-04Z	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-05A	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)
L1524249-05B	Glass 250ml/8oz unpreserved	A	N/A	5.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524249-06A	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-06B	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-06C	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-06X	Vial MeOH preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-06Y	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-06Z	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-07A	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)
L1524249-07B	Glass 250ml/8oz unpreserved	A	N/A	5.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524249-08A	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-08B	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-08C	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-08X	Vial MeOH preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-08Y	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-08Z	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days



Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524249

Report Date: 10/07/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524249-09A	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)
L1524249-09B	Glass 250ml/8oz unpreserved	A	N/A	5.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524249-10A	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-10B	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-10C	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-10X	Vial MeOH preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-10Y	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-10Z	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-11A	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)
L1524249-11B	Glass 250ml/8oz unpreserved	A	N/A	5.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524249-12A	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-12B	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-12C	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-12X	Vial MeOH preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-12Y	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-12Z	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-13A	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days



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L1524249-13B	Glass 250ml/8oz unpreserved	A	N/A	5.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524249-14A	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-14B	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-14C	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-14X	Vial MeOH preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-14Y	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-14Z	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-15A	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)
L1524249-15B	Glass 250ml/8oz unpreserved	A	N/A	5.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524249-16A	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-16B	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-16C	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-16X	Vial MeOH preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-16Y	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-16Z	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-17A	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days



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L1524249-17B	Glass 250ml/8oz unpreserved	A	N/A	5.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524249-18A	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-18B	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-18C	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-18X	Vial MeOH preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-18Y	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-18Z	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-19A	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)
L1524249-19B	Glass 250ml/8oz unpreserved	A	N/A	5.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524249-20A	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-20B	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-20C	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-20X	Vial MeOH preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-20Y	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-20Z	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-21A	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days



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L1524249-21B	Glass 250ml/8oz unpreserved	A	N/A	5.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524249-22A	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-22B	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-22C	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-22X	Vial MeOH preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-22Y	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-22Z	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-23A	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)
L1524249-23B	Glass 250ml/8oz unpreserved	A	N/A	5.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524249-24A	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-24B	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-24C	5 gram Encore Sampler	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(2)
L1524249-24X	Vial MeOH preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-24Y	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-24Z	Vial Water preserved split	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1524249-25A	Vial HCl preserved	A1	N/A	4.5	Y	Absent	NYTCL-8260(14)
L1524249-25B	Vial HCl preserved	A1	N/A	4.5	Y	Absent	NYTCL-8260(14)
L1524249-25C	Vial HCl preserved	A1	N/A	4.5	Y	Absent	NYTCL-8260(14)
L1524249-25D	Amber 1000ml unpreserved	A1	7	4.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1524249-25E	Amber 1000ml unpreserved	A1	7	4.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1524249-25F	Amber 1000ml unpreserved	A1	7	4.5	Y	Absent	NYTCL-8082-1200ML(7)
L1524249-25G	Amber 1000ml unpreserved	A1	7	4.5	Y	Absent	NYTCL-8082-1200ML(7)

*Values in parentheses indicate holding time in days



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L1524249-25H	Amber 500ml unpreserved	A1	7	4.5	Y	Absent	NYTCL-8081(7)
L1524249-25I	Amber 500ml unpreserved	A1	7	4.5	Y	Absent	NYTCL-8081(7)
L1524249-25J	Plastic 250ml HNO3 preserved	A1	<2	4.5	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1524249-25K	Plastic 250ml unpreserved	A1	7	4.5	Y	Absent	-
L1524249-25X	Plastic 120ml HNO3 preserved spl	A1	<2	4.5	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1524249-26A	Vial HCl preserved	C1	N/A	3.3	Y	Absent	NYTCL-8260(14)
L1524249-26B	Vial HCl preserved	C1	N/A	3.3	Y	Absent	NYTCL-8260(14)
L1524249-26C	Vial HCl preserved	C1	N/A	3.3	Y	Absent	NYTCL-8260(14)
L1524249-26D	Amber 1000ml unpreserved	C1	7	3.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1524249-26E	Amber 1000ml unpreserved	C1	7	3.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1524249-26F	Amber 1000ml unpreserved	C1	7	3.3	Y	Absent	NYTCL-8082-1200ML(7)
L1524249-26G	Amber 1000ml unpreserved	C1	7	3.3	Y	Absent	NYTCL-8082-1200ML(7)
L1524249-26H	Amber 500ml unpreserved	C1	7	3.3	Y	Absent	NYTCL-8081(7)
L1524249-26I	Amber 500ml unpreserved	C1	7	3.3	Y	Absent	NYTCL-8081(7)
L1524249-26J	Plastic 250ml HNO3 preserved	C1	<2	3.3	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1524249-26K	Plastic 250ml unpreserved	C1	7	3.3	Y	Absent	-

*Values in parentheses indicate holding time in days



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Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524249-26X	Plastic 120ml HNO3 preserved spl	C1	<2	3.3	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1524249-27A	Vial HCl preserved	C1	N/A	3.3	Y	Absent	NYTCL-8260(14)
L1524249-27B	Vial HCl preserved	C1	N/A	3.3	Y	Absent	NYTCL-8260(14)
L1524249-27C	Vial HCl preserved	C1	N/A	3.3	Y	Absent	NYTCL-8260(14)
L1524249-27D	Amber 1000ml unpreserved	C1	7	3.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1524249-27E	Amber 1000ml unpreserved	C1	7	3.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1524249-27F	Amber 1000ml unpreserved	C1	7	3.3	Y	Absent	NYTCL-8082-1200ML(7)
L1524249-27G	Amber 1000ml unpreserved	C1	7	3.3	Y	Absent	NYTCL-8082-1200ML(7)
L1524249-27H	Amber 500ml unpreserved	C1	7	3.3	Y	Absent	NYTCL-8081(7)
L1524249-27I	Amber 500ml unpreserved	C1	7	3.3	Y	Absent	NYTCL-8081(7)
L1524249-27J	Plastic 250ml HNO3 preserved	C1	<2	3.3	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1524249-27K	Plastic 250ml unpreserved	C1	7	3.3	Y	Absent	-
L1524249-27X	Plastic 120ml HNO3 preserved spl	C1	<2	3.3	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1524249-28A	Vial HCl preserved	B1	N/A	4.1	Y	Absent	NYTCL-8260(14)
L1524249-28B	Vial HCl preserved	B1	N/A	4.1	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



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Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524249-28C	Vial HCl preserved	B1	N/A	4.1	Y	Absent	NYTCL-8260(14)
L1524249-28D	Amber 1000ml unpreserved	B1	7	4.1	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1524249-28E	Amber 1000ml unpreserved	B1	7	4.1	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1524249-28F	Amber 1000ml unpreserved	B1	7	4.1	Y	Absent	NYTCL-8082-1200ML(7)
L1524249-28G	Amber 1000ml unpreserved	B1	7	4.1	Y	Absent	NYTCL-8082-1200ML(7)
L1524249-28H	Amber 500ml unpreserved	B1	7	4.1	Y	Absent	NYTCL-8081(7)
L1524249-28I	Amber 500ml unpreserved	B1	7	4.1	Y	Absent	NYTCL-8081(7)
L1524249-28J	Plastic 250ml HNO3 preserved	B1	<2	4.1	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),Zn-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1524249-28K	Plastic 250ml unpreserved	B1	7	4.1	Y	Absent	-
L1524249-28X	Plastic 120ml HNO3 preserved spl	B1	<2	4.1	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1524249-29A	Plastic 2oz unpreserved for TS	B1	N/A	4.1	Y	Absent	TS(7)
L1524249-29B	Glass 250ml/8oz unpreserved	B1	N/A	4.1	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524249-30A	5 gram Encore Sampler	B1	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524249-30B	5 gram Encore Sampler	B1	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524249-30C	5 gram Encore Sampler	B1	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)

*Values in parentheses indicate holding time in days



Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524249

Report Date: 10/07/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524249-30X	Vial MeOH preserved split	B1	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524249-30Y	Vial Water preserved split	B1	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524249-30Z	Vial Water preserved split	B1	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524249-31A	Plastic 2oz unpreserved for TS	B1	N/A	4.1	Y	Absent	TS(7)
L1524249-31B	Glass 250ml/8oz unpreserved	B1	N/A	4.1	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524249-32A	5 gram Encore Sampler	B1	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524249-32B	5 gram Encore Sampler	B1	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524249-32C	5 gram Encore Sampler	B1	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524249-32X	Vial MeOH preserved split	B1	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524249-32Y	Vial Water preserved split	B1	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524249-32Z	Vial Water preserved split	B1	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524249-33A	Vial HCl preserved	A1	N/A	4.5	Y	Absent	NYTCL-8260(14)
L1524249-33B	Vial HCl preserved	A1	N/A	4.5	Y	Absent	NYTCL-8260(14)
L1524249-33C	Vial HCl preserved	A1	N/A	4.5	Y	Absent	NYTCL-8260(14)
L1524249-33D	Vial HCl preserved	A1	N/A	4.5	Y	Absent	NYTCL-8260(14)

Container Comments

L1524249-26B

*Values in parentheses indicate holding time in days



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

GLOSSARY

Acronyms

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

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524249
Report Date: 10/07/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide) (soil), Methyl methacrylate (soil), Azobenzene.

EPA 8270D: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab		ALPHA Job #		
		1 of 3	9/28/15		C1524249		
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables		Billing Information	
Client Information Client: AKRF Address: 440 Park Ave South Phone: 610-405-2847 Fax: A.Jordan@AKRF.COM Email: A.Jordan@AKRF.COM		Project Name: 470 Manhattan Ave Project Location: Brooklyn, NY Project # 12306		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input checked="" type="checkbox"/> Other INDEX		<input type="checkbox"/> Same as Client Info PO #	
(Use Project name as Project #) <input type="checkbox"/>		Project Manager: AMT Jordan ALPHAQuote #:		Regulatory Requirement		Disposal Site Information	
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		<input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:			
These samples have been previously analyzed by Alpha <input type="checkbox"/>				ANALYSIS		Sample Filtration	
Other project specific requirements/comments: <div style="text-align: center; font-size: 1.2em; margin-top: 10px;">Keep the SD6 open.</div>				Total Bottles		<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)	
Please specify Metals or TAL.				Sample Specific Comments		Total Bottles	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments	
		Date	Time				
24249-01	SB-1 (0-2)	9/28/15	1010	S	KH	X	X
02	SB-1 (1-2)G		1010			X	
03	SB-1 (4-6)		1020			X	X
04	SB-1 (4-6)G		1026			X	
05	SB-6 (0-2)		1115			X	X
06	SB-6 (1-2)G		1115			X	
07	SB-6 (4-6)		1126			X	X
08	SB-6 (5-6)G		1120			X	
09	SB-1 (0-2)		1215			X	X
10	SB-4 (0-2)G SB-1 (3-4)G		1215			X	



NEW YORK CHAIN OF CUSTODY

Service Centers
 Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
 Albany, NY 12205: 14 Walker Way
 Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Westborough, MA 01581
 8 Walkup Dr.
 TEL: 508-898-9220
 FAX: 508-898-9193

Mansfield, MA 02048
 320 Forbes Blvd
 TEL: 508-822-9300
 FAX: 508-822-3288

Page
 2 of 3

Date Rec'd in Lab
 9/28/15

ALPHA Job #
 1524249

Project Information
 Project Name: 470 Manhattan Ave
 Project Location: Brooklyn, NY
 Project # 12306

Deliverables
 ASP-A ASP-B
 EQUIS (1 File) EQUIS (4 File)
 Other Eds

Billing Information
 Same as Client Info
 PO #

Client Information
 Client: AKRF
 Address: 440 Park Ave South
 Phone: 616-405-2847
 Fax: [blank]
 Email: AJordan@AKRF.COM
 Project Manager: Amy Jordan
 ALPHAQuote #:

Regulatory Requirement
 NY TOGS NY Part 375
 AWQ Standards NY CP-51
 NY Restricted Use Other
 NY Unrestricted Use
 NYC Sewer Discharge

Disposal Site Information
 Please identify below location of applicable disposal facilities.
 Disposal Facility:
 NJ NY
 Other:

Turn-Around Time
 Standard Due Date:
 Rush (only if pre approved) # of Days:

These samples have been previously analyzed by Alpha
 Other project specific requirements/comments:
 Keep the SDG open
 Please specify Metals or TAL.

ANALYSIS

Sample Filtration
 Done
 Lab to do
Preservation
 Lab to do
 (Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			Sample Specific Comments	Total Bottle
		Date	Time							
24249-11	SB-11 (9-11)	9/28	1223	S	KH	X	X			2
12	SB-11 (9-10) G		1225			X	X			3
13	SB-8 (0-2)		1245			X	X			2
14	SB-8 (1-2) G		1245			X	X			3
15	SB-8 (4-8)		1250			X	X			2
16	SB-8 (5-6) G		1250			X	X			3
17	SB-2 (0-2)		1345			X	X			2
18	SB-2 (1-2) G		1345			X	X			3
19	SB-2 (4-6)		1320			X	X			2
20	SB-2 (5-6) G		1320			X	X			3

Westboro: Certification No: MA935
 Mansfield: Certification No: MA015

Container Type
 Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Relinquished By:	Date/Time	Received By:	Date/Time
[Signature]	9/28 1625	J DeMora AAL	9/28/15 16:25
J DeMora AAL	9/28/15 1720	TAM TOLAN	9-28-15 1920
TAM TOLAN	9/28/15 2255	[Signature]	9/28/15 2355



**NEW YORK
CHAIN OF
CUSTODY**

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

1 Page

i of

Date Rec'd
in Lab

ALPHA Job #

Client Information

Client: AKRF
Address: 440 Park Ave South
Phone: 646 398 9964
Fax:
Email: GJordan@akrf.com

Project Information

Project Name: 470 Manhattan Avenue
Project Location: 470 Manhattan Avenue, Brooklyn
Project #: 12306

(Use Project name as Project #)

Project Manager: A Jordan

ALPHAQuote #:

Turn-Around Time

Standard Due Date:
Rush (only if pre approved) # of Days:

Deliverables

ASP-A ASP-B
 EQUIS (1 File) EQUIS (4 File)
 Other ADP

Regulatory Requirement

NY TOGS NY Part 375
 AWQ Standards NY CP-51
 NY Restricted Use Other
 NY Unrestricted Use
 NYC Sewer Discharge

Billing Information

Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
 NJ NY
 Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

close JDG

Please specify Metals or TAL.

ANALYSIS

Sample ID	VOL 8260	VOL 8270	POTICK 8081	PCB 8082	TAL METALS	(6000/700)	FILTR TAL METAL	(6000/700)
GW-2	X	X	X	X	X		X	
GW-3	X	X	X	X	X		X	
GW-5	X	X	X	X	X		X	
GW-1	X	X	X	X	X		X	
SB-3 (1-2)		X	X	X	X			
SB-3 (1-2) G		X	X	X	X			
SB-3 (4-6)		X	X	X	X			
SB-3 (5-6) G		X	X	X	X			
TB20150929	X							

Sample Filtration

Done
 Lab to do
Preservation
 Lab to do

(Please Specify below)

Sample Specific Comments

**ALPHA Lab ID
(Lab Use Only)**

Sample ID

Collection

Date Time

Sample Matrix

Sampler's Initials

ALPHA Lab ID (Lab Use Only)	Sample ID	Date	Time	Sample Matrix	Sampler's Initials
	GW-2	9/29/15	0845	GW	KH
	GW-3		1130	GW	
	GW-5		1210	GW	
	GW-1		1250	GW	
	SB-3 (1-2)		1020	SOIL	
	SB-3 (1-2) G		1021	SOIL	
	SB-3 (4-6)		1030	SOIL	
	SB-3 (5-6) G		1031	SOIL	
	TB20150929				

Preservative Code:

A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Container Code

P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935

Mansfield: Certification No: MA015

Container Type

Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Relinquished By:

Date/Time

Received By:

Date/Time

<u>D. Miller (AAC)</u>	<u>9/29/15 1450</u>	<u>D. Miller (AAC)</u>	<u>9/29/15 1450</u>

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	# Page	Date Rec'd in Lab	ALPHA Job #											
		1 of	9/29/15	L1524249											
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables	Billing Information										
Project Name: 470 Manhattan Avenue Project Location: 470 Manhattan Avenue, Brooklyn Project #: 12306		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input checked="" type="checkbox"/> Other <i>ADP</i>		<input type="checkbox"/> Same as Client Info PO #											
Client Information		Regulatory Requirement		Disposal Site Information											
Client: AKKF Address: 440 Park Ave South Phone: (646) 388 9864 Fax: Email: GJordan@AKKF.com		<input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:											
(Use Project name as Project #) <input type="checkbox"/> Project Manager: a.jordan ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		ANALYSIS		Sample Filtration											
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: close JDG		VOC 8260 SVOC 8270 Pesticide 8081 PCB 8082 TAL METALS (6000/7000) Filter TAL METAL (6000/7000)		<input type="checkbox"/> Done <input checked="" type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)											
Please specify Metals or TAL.		Sample Specific Comments		Total Bottles											
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	SVOC 8270	Pesticide 8081	PCB 8082	TAL METALS	(6000/7000)	Filter TAL METAL (6000/7000)	Sample Specific Comments	Total Bottles	
24249-25	6W-2	9/29/15	0845	GW	KH	X	X	X	X	X		X		1	
26	6W-7		1130	GW		X	X	X	X	X		X		1	
27	6W-3		1210	GW		X	X	X	X	X		X		1	
-28	6W-1		1250	GW		X	X	X	X	X		X		1	
-29	SB-3 (0-2)		1020	SOIL			X	X	X	X				1	
-30	SB-3 (1-2) G		1021	SOIL		X		X	X	X				4	
-31	SB-3 (4-6)		1030	SOIL			X	X	X	X				1	
-32	SB-3 (5-6) G		1031	SOIL		X								4	
-33	TB 20150929					X									
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)					
Relinquished By: <i>[Signature]</i>		Date/Time: 9/29/15 1450		Received By: <i>[Signature]</i>		Date/Time: 9/29/15 1450		Relinquished By: <i>[Signature]</i>		Date/Time: 9/29/15 1830		Received By: <i>[Signature]</i>		Date/Time: 9/29/15 2300	



ANALYTICAL REPORT

Lab Number:	L1525736
Client:	AKRF, Inc. 440 Park Avenue South 7th Floor New York, NY 10016
ATTN:	Amy Jordan
Phone:	(646) 388-9864
Project Name:	470 MANHATTAN AVENUE
Project Number:	12306
Report Date:	10/16/15

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1525736-01	SB-4 (0-2)	SOIL	BROOKLYN, NEW YORK	10/09/15 10:20	10/09/15
L1525736-02	SB-4 (1-2)G	SOIL	BROOKLYN, NEW YORK	10/09/15 10:15	10/09/15
L1525736-03	SB-4 (4-6)	SOIL	BROOKLYN, NEW YORK	10/09/15 10:27	10/09/15
L1525736-04	SB-4 (4-5)G	SOIL	BROOKLYN, NEW YORK	10/09/15 10:23	10/09/15
L1525736-05	SB-9 (0-2)	SOIL	BROOKLYN, NEW YORK	10/09/15 12:20	10/09/15
L1525736-06	SB-9 (1-2)G	SOIL	BROOKLYN, NEW YORK	10/09/15 12:15	10/09/15
L1525736-07	SB-9 (4-6)	SOIL	BROOKLYN, NEW YORK	10/09/15 12:30	10/09/15
L1525736-08	SB-9 (4-5)G	SOIL	BROOKLYN, NEW YORK	10/09/15 12:25	10/09/15
L1525736-09	SB-10 (0-2)	SOIL	BROOKLYN, NEW YORK	10/09/15 13:31	10/09/15
L1525736-10	SB-10 (1-2)G	SOIL	BROOKLYN, NEW YORK	10/09/15 13:29	10/09/15
L1525736-11	SB-10 (4-6)	SOIL	BROOKLYN, NEW YORK	10/09/15 13:40	10/09/15
L1525736-12	SB-10 (4-5)G	SOIL	BROOKLYN, NEW YORK	10/09/15 13:35	10/09/15
L1525736-13	GW-4	WATER	BROOKLYN, NEW YORK	10/09/15 10:55	10/09/15
L1525736-14	TB20151009	WATER	BROOKLYN, NEW YORK	10/09/15 00:00	10/09/15

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Case Narrative

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

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

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

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

HOLD POLICY

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

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

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Case Narrative (continued)

Report Submission

This report replaces the report issued earlier today. The Total Mercury reporting and method detection limits have been corrected on L1525736-13.

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

Semivolatile Organics

The WG830728-3 LCSD recovery, associated with L1525736-13, is below the acceptance criteria for benzidine (3%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals

L1525736-01, -03, -05, -07, -09, and -11: The samples have elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG829660-4 MS recoveries for aluminum (1070%), calcium (225%), copper (180%), iron (6760%), lead (0%) and zinc (0%), performed on L1525736-11, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG829660-4 MS recovery, performed on L1525736-11, is outside the acceptance criteria for manganese (22%). A post digestion spike was performed and was within acceptance criteria.

The WG829898-4 MS recoveries for calcium (240%), manganese (128%) and sodium (0%), performed on L1525736-13, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG829898-4 MS recoveries, performed on L1525736-13, are outside the acceptance criteria for magnesium (150%) and potassium (145%). A post digestion spike was performed and was within acceptance criteria.

The WG829660-3 Laboratory Duplicate RPDs, performed on L1525736-11, are outside the acceptance criteria for calcium (26%), iron (21%), and magnesium (22%). The elevated RPDs have been attributed to the

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Case Narrative (continued)

non-homogeneous nature of the native sample.

The WG829898-3 Laboratory Duplicate RPD, performed on L1525736-13, is above the acceptance criteria for arsenic (26%); however, the sample and duplicate results are less than five times the reporting limit. Therefore, the RPD is valid.

Dissolved Metals

The WG830030-1 Method Blank, associated with L1525736-13, has a concentration above the reporting limit for zinc. Since the sample was non-detect for this target analyte, no further actions were taken. The results of the original analysis are reported.

The WG830030-2 LCS recovery, associated with L1525736-13, is above the acceptance criteria for selenium (124%); however, the associated sample is non-detect for this target analyte. The results of the original analysis are reported.

The WG830030-4 MS recoveries for calcium (210%), manganese (169%) and sodium (170%), performed on L1525736-13, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG830030-4 MS recoveries, performed on L1525736-13, are outside the acceptance criteria for iron (128%), magnesium (135%), potassium (136%), and selenium (138%). A post digestion spike was performed and was within acceptance criteria.

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

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative

Date: 10/16/15

ORGANICS

VOLATILES

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-02
Client ID: SB-4 (1-2)G
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/15/15 04:49
Analyst: MS
Percent Solids: 89%

Date Collected: 10/09/15 10:15
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.13	1
Bromodichloromethane	ND		ug/kg	1.1	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.7	0.16	1
Bromoform	ND		ug/kg	4.6	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.12	1
Benzene	ND		ug/kg	1.1	0.14	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	5.7	0.34	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.13	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	0.18	1

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-02

Date Collected: 10/09/15 10:15

Client ID: SB-4 (1-2)G

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.7	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.7	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	ND		ug/kg	2.3	0.23	1
o-Xylene	ND		ug/kg	2.3	0.20	1
Xylenes, Total	ND		ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.19	1
Styrene	ND		ug/kg	2.3	0.46	1
Dichlorodifluoromethane	ND		ug/kg	11	0.22	1
Acetone	ND		ug/kg	11	1.2	1
Carbon disulfide	ND		ug/kg	11	1.3	1
2-Butanone	ND		ug/kg	11	0.31	1
Vinyl acetate	ND		ug/kg	11	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.19	1
2-Hexanone	ND		ug/kg	11	0.76	1
Bromochloromethane	ND		ug/kg	5.7	0.32	1
2,2-Dichloropropane	ND		ug/kg	5.7	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.7	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Bromobenzene	ND		ug/kg	5.7	0.24	1
n-Butylbenzene	ND		ug/kg	1.1	0.13	1
sec-Butylbenzene	ND		ug/kg	1.1	0.14	1
tert-Butylbenzene	ND		ug/kg	5.7	0.16	1
o-Chlorotoluene	ND		ug/kg	5.7	0.18	1
p-Chlorotoluene	ND		ug/kg	5.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	0.45	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.26	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
Naphthalene	ND		ug/kg	5.7	0.16	1
Acrylonitrile	ND		ug/kg	11	0.59	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.7	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.7	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	0.16	1

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-02
 Client ID: SB-4 (1-2)G
 Sample Location: BROOKLYN, NEW YORK

Date Collected: 10/09/15 10:15
 Date Received: 10/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
p-Diethylbenzene	ND		ug/kg	4.6	0.18	1
p-Ethyltoluene	ND		ug/kg	4.6	0.14	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.15	1
Ethyl ether	ND		ug/kg	5.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	0.45	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-04
Client ID: SB-4 (4-5)G
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/15/15 05:17
Analyst: MS
Percent Solids: 82%

Date Collected: 10/09/15 10:23
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.22	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.24	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.37	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.42	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.4	0.15	1
Bromoform	ND		ug/kg	4.3	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.4	0.32	1
Bromomethane	ND		ug/kg	2.1	0.36	1
Vinyl chloride	ND		ug/kg	2.1	0.13	1
Chloroethane	ND		ug/kg	2.1	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	0.16	1

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-04

Date Collected: 10/09/15 10:23

Client ID: SB-4 (4-5)G

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.4	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	ND		ug/kg	2.1	0.21	1
o-Xylene	ND		ug/kg	2.1	0.18	1
Xylenes, Total	ND		ug/kg	2.1	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.1	0.43	1
Dichlorodifluoromethane	ND		ug/kg	11	0.20	1
Acetone	37		ug/kg	11	1.1	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	5.5	J	ug/kg	11	0.29	1
Vinyl acetate	ND		ug/kg	11	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.17	1
2-Hexanone	ND		ug/kg	11	0.72	1
Bromochloromethane	ND		ug/kg	5.4	0.30	1
2,2-Dichloropropane	ND		ug/kg	5.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	4.3	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.4	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.34	1
Bromobenzene	ND		ug/kg	5.4	0.22	1
n-Butylbenzene	ND		ug/kg	1.1	0.12	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.4	0.14	1
o-Chlorotoluene	ND		ug/kg	5.4	0.17	1
p-Chlorotoluene	ND		ug/kg	5.4	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	0.42	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.24	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.13	1
Naphthalene	ND		ug/kg	5.4	0.15	1
Acrylonitrile	ND		ug/kg	11	0.55	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.4	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.4	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	0.15	1

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-04
Client ID: SB-4 (4-5)G
Sample Location: BROOKLYN, NEW YORK

Date Collected: 10/09/15 10:23
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.4	0.15	1
1,4-Dioxane	ND		ug/kg	110	16.	1
p-Diethylbenzene	ND		ug/kg	4.3	0.17	1
p-Ethyltoluene	ND		ug/kg	4.3	0.13	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.3	0.14	1
Ethyl ether	ND		ug/kg	5.4	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	0.42	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-06
Client ID: SB-9 (1-2)G
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/15/15 05:45
Analyst: MS
Percent Solids: 89%

Date Collected: 10/09/15 12:15
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.52	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.9	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.43	1
Tetrachloroethene	ND		ug/kg	1.4	0.20	1
Chlorobenzene	ND		ug/kg	1.4	0.49	1
Trichlorofluoromethane	ND		ug/kg	7.0	0.54	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.16	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	7.0	0.20	1
Bromoform	ND		ug/kg	5.6	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	7.0	0.41	1
Bromomethane	ND		ug/kg	2.8	0.47	1
Vinyl chloride	ND		ug/kg	2.8	0.16	1
Chloroethane	ND		ug/kg	2.8	0.44	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.30	1
Trichloroethene	ND		ug/kg	1.4	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	7.0	0.21	1

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-06

Date Collected: 10/09/15 12:15

Client ID: SB-9 (1-2)G

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	7.0	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	7.0	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.12	1
p/m-Xylene	ND		ug/kg	2.8	0.28	1
o-Xylene	ND		ug/kg	2.8	0.24	1
Xylenes, Total	ND		ug/kg	2.8	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	14	0.23	1
Styrene	ND		ug/kg	2.8	0.56	1
Dichlorodifluoromethane	ND		ug/kg	14	0.27	1
Acetone	ND		ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.38	1
Vinyl acetate	ND		ug/kg	14	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.23	1
2-Hexanone	ND		ug/kg	14	0.93	1
Bromochloromethane	ND		ug/kg	7.0	0.39	1
2,2-Dichloropropane	ND		ug/kg	7.0	0.32	1
1,2-Dibromoethane	ND		ug/kg	5.6	0.24	1
1,3-Dichloropropane	ND		ug/kg	7.0	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.44	1
Bromobenzene	ND		ug/kg	7.0	0.29	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.17	1
tert-Butylbenzene	ND		ug/kg	7.0	0.19	1
o-Chlorotoluene	ND		ug/kg	7.0	0.22	1
p-Chlorotoluene	ND		ug/kg	7.0	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.0	0.55	1
Hexachlorobutadiene	ND		ug/kg	7.0	0.32	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.18	1
Naphthalene	ND		ug/kg	7.0	0.19	1
Acrylonitrile	ND		ug/kg	14	0.72	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.0	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.0	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.0	0.20	1

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-06
Client ID: SB-9 (1-2)G
Sample Location: BROOKLYN, NEW YORK

Date Collected: 10/09/15 12:15
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	7.0	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
p-Diethylbenzene	ND		ug/kg	5.6	0.22	1
p-Ethyltoluene	ND		ug/kg	5.6	0.17	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.6	0.18	1
Ethyl ether	ND		ug/kg	7.0	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	0.55	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-08
Client ID: SB-9 (4-5)G
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/15/15 06:12
Analyst: MS
Percent Solids: 81%

Date Collected: 10/09/15 12:25
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.0	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.14	1
1,1-Dichloropropene	ND		ug/kg	6.0	0.17	1
Bromoform	ND		ug/kg	4.8	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	6.0	0.36	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	0.18	1

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-08

Date Collected: 10/09/15 12:25

Client ID: SB-9 (4-5)G

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.0	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.24	1
o-Xylene	ND		ug/kg	2.4	0.21	1
Xylenes, Total	ND		ug/kg	2.4	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	12	0.20	1
Styrene	ND		ug/kg	2.4	0.48	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	2.6	J	ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.33	1
Vinyl acetate	ND		ug/kg	12	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.20	1
2-Hexanone	ND		ug/kg	12	0.80	1
Bromochloromethane	ND		ug/kg	6.0	0.33	1
2,2-Dichloropropane	ND		ug/kg	6.0	0.27	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.21	1
1,3-Dichloropropane	ND		ug/kg	6.0	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.38	1
Bromobenzene	ND		ug/kg	6.0	0.25	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.0	0.16	1
o-Chlorotoluene	ND		ug/kg	6.0	0.19	1
p-Chlorotoluene	ND		ug/kg	6.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.0	0.48	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.28	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.0	0.17	1
Acrylonitrile	ND		ug/kg	12	0.62	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.0	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.0	0.17	1

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-08
Client ID: SB-9 (4-5)G
Sample Location: BROOKLYN, NEW YORK

Date Collected: 10/09/15 12:25
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.0	0.17	1
1,4-Dioxane	ND		ug/kg	120	17.	1
p-Diethylbenzene	ND		ug/kg	4.8	0.19	1
p-Ethyltoluene	ND		ug/kg	4.8	0.15	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.8	0.16	1
Ethyl ether	ND		ug/kg	6.0	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	0.47	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	105		70-130

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-10
Client ID: SB-10 (1-2)G
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/15/15 06:40
Analyst: MS
Percent Solids: 88%

Date Collected: 10/09/15 13:29
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.43	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.5	0.16	1
Bromoform	ND		ug/kg	4.4	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.5	0.32	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.17	1

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-10

Date Collected: 10/09/15 13:29

Client ID: SB-10 (1-2)G

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	ND		ug/kg	2.2	0.22	1
o-Xylene	ND		ug/kg	2.2	0.19	1
Xylenes, Total	ND		ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	3.8	J	ug/kg	11	1.1	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.30	1
Vinyl acetate	ND		ug/kg	11	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.18	1
2-Hexanone	ND		ug/kg	11	0.73	1
Bromochloromethane	ND		ug/kg	5.5	0.30	1
2,2-Dichloropropane	ND		ug/kg	5.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.5	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.35	1
Bromobenzene	ND		ug/kg	5.5	0.23	1
n-Butylbenzene	ND		ug/kg	1.1	0.13	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.5	0.15	1
o-Chlorotoluene	ND		ug/kg	5.5	0.18	1
p-Chlorotoluene	ND		ug/kg	5.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	0.44	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.25	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
Naphthalene	ND		ug/kg	5.5	0.15	1
Acrylonitrile	ND		ug/kg	11	0.56	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.5	0.16	1

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-10
Client ID: SB-10 (1-2)G
Sample Location: BROOKLYN, NEW YORK

Date Collected: 10/09/15 13:29
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.5	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
p-Diethylbenzene	ND		ug/kg	4.4	0.18	1
p-Ethyltoluene	ND		ug/kg	4.4	0.14	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.4	0.14	1
Ethyl ether	ND		ug/kg	5.5	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	0.43	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-12
Client ID: SB-10 (4-5)G
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/15/15 07:08
Analyst: MS
Percent Solids: 82%

Date Collected: 10/09/15 13:35
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.12	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.4	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.7	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	ND		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.47	1
Trichlorofluoromethane	ND		ug/kg	6.8	0.53	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.8	0.19	1
Bromoform	ND		ug/kg	5.4	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.4	0.17	1
Chloromethane	ND		ug/kg	6.8	0.40	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.29	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.8	0.21	1

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-12

Date Collected: 10/09/15 13:35

Client ID: SB-10 (4-5)G

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.8	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.8	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.11	1
p/m-Xylene	ND		ug/kg	2.7	0.27	1
o-Xylene	ND		ug/kg	2.7	0.23	1
Xylenes, Total	ND		ug/kg	2.7	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	14	0.22	1
Styrene	ND		ug/kg	2.7	0.54	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	6.6	J	ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.37	1
Vinyl acetate	ND		ug/kg	14	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.33	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.22	1
2-Hexanone	ND		ug/kg	14	0.90	1
Bromochloromethane	ND		ug/kg	6.8	0.37	1
2,2-Dichloropropane	ND		ug/kg	6.8	0.31	1
1,2-Dibromoethane	ND		ug/kg	5.4	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.8	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.43	1
Bromobenzene	ND		ug/kg	6.8	0.28	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.16	1
tert-Butylbenzene	ND		ug/kg	6.8	0.18	1
o-Chlorotoluene	ND		ug/kg	6.8	0.22	1
p-Chlorotoluene	ND		ug/kg	6.8	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	0.54	1
Hexachlorobutadiene	ND		ug/kg	6.8	0.31	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.17	1
Naphthalene	11		ug/kg	6.8	0.19	1
Acrylonitrile	ND		ug/kg	14	0.70	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.8	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.8	0.19	1

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-12
Client ID: SB-10 (4-5)G
Sample Location: BROOKLYN, NEW YORK

Date Collected: 10/09/15 13:35
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.8	0.19	1
1,4-Dioxane	ND		ug/kg	140	20.	1
p-Diethylbenzene	ND		ug/kg	5.4	0.22	1
p-Ethyltoluene	ND		ug/kg	5.4	0.17	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.4	0.18	1
Ethyl ether	ND		ug/kg	6.8	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-13
Client ID: GW-4
Sample Location: BROOKLYN, NEW YORK
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/14/15 17:20
Analyst: PD

Date Collected: 10/09/15 10:55
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	14		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.19	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.32	J	ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-13

Date Collected: 10/09/15 10:55

Client ID: GW-4

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	1.4	J	ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-13
Client ID: GW-4
Sample Location: BROOKLYN, NEW YORK

Date Collected: 10/09/15 10:55
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	93		70-130

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-14
Client ID: TB20151009
Sample Location: BROOKLYN, NEW YORK
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/14/15 17:53
Analyst: PD

Date Collected: 10/09/15 00:00
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-14

Date Collected: 10/09/15 00:00

Client ID: TB20151009

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-14
Client ID: TB20151009
Sample Location: BROOKLYN, NEW YORK

Date Collected: 10/09/15 00:00
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	91		70-130

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/14/15 11:49
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13-14 Batch: WG830823-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/14/15 11:49
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13-14 Batch: WG830823-3					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/14/15 11:49
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13-14 Batch: WG830823-3					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	0.86	J	ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	41.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	94		70-130

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/14/15 21:41
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06,08,10,12 Batch: WG831110-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/14/15 21:41
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06,08,10,12 Batch: WG831110-3					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylenes, Total	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
o-Chlorotoluene	ND		ug/kg	5.0	0.16

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/14/15 21:41
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06,08,10,12 Batch: WG831110-3					
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,4-Dioxane	ND		ug/kg	100	14.
p-Diethylbenzene	ND		ug/kg	4.0	0.16
p-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-14 Batch: WG830823-1 WG830823-2								
Methylene chloride	103		101		70-130	2		20
1,1-Dichloroethane	106		104		70-130	2		20
Chloroform	102		102		70-130	0		20
2-Chloroethylvinyl ether	101		100		70-130	1		20
Carbon tetrachloride	99		98		63-132	1		20
1,2-Dichloropropane	107		103		70-130	4		20
Dibromochloromethane	102		100		63-130	2		20
1,1,2-Trichloroethane	105		104		70-130	1		20
Tetrachloroethene	104		103		70-130	1		20
Chlorobenzene	101		100		75-130	1		20
Trichlorofluoromethane	121		118		62-150	3		20
1,2-Dichloroethane	103		102		70-130	1		20
1,1,1-Trichloroethane	110		108		67-130	2		20
Bromodichloromethane	106		101		67-130	5		20
trans-1,3-Dichloropropene	92		89		70-130	3		20
cis-1,3-Dichloropropene	102		98		70-130	4		20
1,1-Dichloropropene	113		110		70-130	3		20
Bromoform	101		102		54-136	1		20
1,1,2,2-Tetrachloroethane	106		110		67-130	4		20
Benzene	106		104		70-130	2		20
Toluene	105		104		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-14 Batch: WG830823-1 WG830823-2								
Ethylbenzene	110		109		70-130	1		20
Chloromethane	72		70		64-130	3		20
Bromomethane	69		74		39-139	7		20
Vinyl chloride	112		111		55-140	1		20
Chloroethane	104		106		55-138	2		20
1,1-Dichloroethene	116		113		61-145	3		20
trans-1,2-Dichloroethene	107		104		70-130	3		20
Trichloroethene	104		103		70-130	1		20
1,2-Dichlorobenzene	101		103		70-130	2		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	99		99		70-130	0		20
Methyl tert butyl ether	103		101		63-130	2		20
p/m-Xylene	108		108		70-130	0		20
o-Xylene	109		108		70-130	1		20
cis-1,2-Dichloroethene	98		100		70-130	2		20
Dibromomethane	105		97		70-130	8		20
1,2,3-Trichloropropane	101		105		64-130	4		20
Acrylonitrile	105		100		70-130	5		20
Isopropyl Ether	107		106		70-130	1		20
tert-Butyl Alcohol	97		104		70-130	7		20
Styrene	108		107		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-14 Batch: WG830823-1 WG830823-2								
Dichlorodifluoromethane	112		111		36-147	1		20
Acetone	114		107		58-148	6		20
Carbon disulfide	113		104		51-130	8		20
2-Butanone	110		108		63-138	2		20
Vinyl acetate	97		92		70-130	5		20
4-Methyl-2-pentanone	104		102		59-130	2		20
2-Hexanone	101		103		57-130	2		20
Acrolein	112		100		40-160	11		20
Bromochloromethane	115		107		70-130	7		20
2,2-Dichloropropane	98		97		63-133	1		20
1,2-Dibromoethane	98		96		70-130	2		20
1,3-Dichloropropane	102		102		70-130	0		20
1,1,1,2-Tetrachloroethane	106		105		64-130	1		20
Bromobenzene	98		100		70-130	2		20
n-Butylbenzene	115		115		53-136	0		20
sec-Butylbenzene	120		120		70-130	0		20
tert-Butylbenzene	113		114		70-130	1		20
o-Chlorotoluene	109		109		70-130	0		20
p-Chlorotoluene	104		106		70-130	2		20
1,2-Dibromo-3-chloropropane	113		110		41-144	3		20
Hexachlorobutadiene	112		112		63-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-14 Batch: WG830823-1 WG830823-2								
Isopropylbenzene	111		111		70-130	0		20
p-Isopropyltoluene	115		115		70-130	0		20
Naphthalene	142	Q	104		70-130	31	Q	20
n-Propylbenzene	115		117		69-130	2		20
1,2,3-Trichlorobenzene	130		106		70-130	20		20
1,2,4-Trichlorobenzene	119		103		70-130	14		20
1,3,5-Trimethylbenzene	113		114		64-130	1		20
1,2,4-Trimethylbenzene	109		110		70-130	1		20
Methyl Acetate	100		99		70-130	1		20
Ethyl Acetate	100		98		70-130	2		20
Cyclohexane	118		114		70-130	3		20
Ethyl-Tert-Butyl-Ether	104		103		70-130	1		20
Tertiary-Amyl Methyl Ether	101		103		66-130	2		20
1,4-Dioxane	128		89		56-162	36	Q	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	107		104		70-130	3		20
p-Diethylbenzene	116		113		70-130	3		20
p-Ethyltoluene	112		115		70-130	3		20
1,2,4,5-Tetramethylbenzene	111		111		70-130	0		20
Ethyl ether	103		103		59-134	0		20
trans-1,4-Dichloro-2-butene	97		94		70-130	3		20
Iodomethane	30	Q	30	Q	70-130	0		20

Lab Control Sample Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-14 Batch: WG830823-1 WG830823-2								
Methyl cyclohexane	114		110		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		93		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	100		102		70-130
Dibromofluoromethane	99		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG831110-1 WG831110-2								
Methylene chloride	97		120		70-130	21		30
1,1-Dichloroethane	102		100		70-130	2		30
Chloroform	101		100		70-130	1		30
Carbon tetrachloride	108		105		70-130	3		30
1,2-Dichloropropane	104		103		70-130	1		30
Dibromochloromethane	99		98		70-130	1		30
2-Chloroethylvinyl ether	300	Q	284	Q	70-130	5		30
1,1,2-Trichloroethane	102		100		70-130	2		30
Tetrachloroethene	100		96		70-130	4		30
Chlorobenzene	96		93		70-130	3		30
Trichlorofluoromethane	111		106		70-139	5		30
1,2-Dichloroethane	107		107		70-130	0		30
1,1,1-Trichloroethane	104		102		70-130	2		30
Bromodichloromethane	102		101		70-130	1		30
trans-1,3-Dichloropropene	101		99		70-130	2		30
cis-1,3-Dichloropropene	100		99		70-130	1		30
1,1-Dichloropropene	103		101		70-130	2		30
Bromoform	97		98		70-130	1		30
1,1,2,2-Tetrachloroethane	101		102		70-130	1		30
Benzene	97		95		70-130	2		30
Toluene	94		91		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG831110-1 WG831110-2								
Ethylbenzene	99		96		70-130	3		30
Chloromethane	90		87		52-130	3		30
Bromomethane	93		89		57-147	4		30
Vinyl chloride	75		74		67-130	1		30
Chloroethane	120		102		50-151	16		30
1,1-Dichloroethene	112		112		65-135	0		30
trans-1,2-Dichloroethene	94		114		70-130	19		30
Trichloroethene	100		98		70-130	2		30
1,2-Dichlorobenzene	98		97		70-130	1		30
1,3-Dichlorobenzene	98		96		70-130	2		30
1,4-Dichlorobenzene	96		95		70-130	1		30
Methyl tert butyl ether	99		121		66-130	20		30
p/m-Xylene	99		96		70-130	3		30
o-Xylene	99		96		70-130	3		30
cis-1,2-Dichloroethene	97		96		70-130	1		30
Dibromomethane	102		101		70-130	1		30
Styrene	99		97		70-130	2		30
Dichlorodifluoromethane	54		52		30-146	4		30
Acetone	141	Q	181	Q	54-140	25		30
Carbon disulfide	100		98		59-130	2		30
2-Butanone	133	Q	133	Q	70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG831110-1 WG831110-2								
Vinyl acetate	119		119		70-130	0		30
4-Methyl-2-pentanone	111		109		70-130	2		30
1,2,3-Trichloropropane	103		103		68-130	0		30
2-Hexanone	123		121		70-130	2		30
Bromochloromethane	98		97		70-130	1		30
2,2-Dichloropropane	103		100		70-130	3		30
1,2-Dibromoethane	98		99		70-130	1		30
1,3-Dichloropropane	101		101		69-130	0		30
1,1,1,2-Tetrachloroethane	98		98		70-130	0		30
Bromobenzene	94		93		70-130	1		30
n-Butylbenzene	101		98		70-130	3		30
sec-Butylbenzene	100		97		70-130	3		30
tert-Butylbenzene	99		97		70-130	2		30
o-Chlorotoluene	96		93		70-130	3		30
p-Chlorotoluene	98		94		70-130	4		30
1,2-Dibromo-3-chloropropane	97		98		68-130	1		30
Hexachlorobutadiene	104		99		67-130	5		30
Isopropylbenzene	101		98		70-130	3		30
p-Isopropyltoluene	100		97		70-130	3		30
Naphthalene	100		101		70-130	1		30
Acrylonitrile	114		118		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG831110-1 WG831110-2								
Isopropyl Ether	112		111		66-130	1		30
tert-Butyl Alcohol	118		152	Q	70-130	25		30
n-Propylbenzene	99		96		70-130	3		30
1,2,3-Trichlorobenzene	101		101		70-130	0		30
1,2,4-Trichlorobenzene	101		99		70-130	2		30
1,3,5-Trimethylbenzene	96		94		70-130	2		30
1,2,4-Trimethylbenzene	97		93		70-130	4		30
Methyl Acetate	119		162	Q	51-146	31	Q	30
Ethyl Acetate	114		113		70-130	1		30
Acrolein	108		144	Q	70-130	29		30
Cyclohexane	114		112		59-142	2		30
1,4-Dioxane	110		113		65-136	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	128		127		50-139	1		30
p-Diethylbenzene	104		102		70-130	2		30
p-Ethyltoluene	103		100		70-130	3		30
1,2,4,5-Tetramethylbenzene	105		102		70-130	3		30
Tetrahydrofuran	118		115		66-130	3		30
Ethyl ether	121		121		67-130	0		30
trans-1,4-Dichloro-2-butene	107		110		70-130	3		30
Methyl cyclohexane	110		106		70-130	4		30
Ethyl-Tert-Butyl-Ether	106		105		70-130	1		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG831110-1 WG831110-2								
Tertiary-Amyl Methyl Ether	100		99		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		115		70-130
Toluene-d8	123		122		70-130
4-Bromofluorobenzene	113		114		70-130
Dibromofluoromethane	114		116		70-130

SEMIVOLATILES

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-01
 Client ID: SB-4 (0-2)
 Sample Location: BROOKLYN, NEW YORK
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/13/15 13:14
 Analyst: RC
 Percent Solids: 80%

Date Collected: 10/09/15 10:20
 Date Received: 10/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/12/15 11:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	580		ug/kg	160	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	67.	1
Hexachlorobenzene	ND		ug/kg	120	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	58.	1
2-Chloronaphthalene	ND		ug/kg	200	67.	1
1,2-Dichlorobenzene	ND		ug/kg	200	67.	1
1,3-Dichlorobenzene	ND		ug/kg	200	65.	1
1,4-Dichlorobenzene	ND		ug/kg	200	62.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	55.	1
2,4-Dinitrotoluene	ND		ug/kg	200	44.	1
2,6-Dinitrotoluene	ND		ug/kg	200	52.	1
Fluoranthene	4700		ug/kg	120	38.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	62.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	47.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	72.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	62.	1
Hexachlorobutadiene	ND		ug/kg	200	58.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	130	1
Hexachloroethane	ND		ug/kg	160	37.	1
Isophorone	ND		ug/kg	180	55.	1
Naphthalene	1300		ug/kg	200	68.	1
Nitrobenzene	ND		ug/kg	180	49.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	43.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	61.	1
Bis(2-Ethylhexyl)phthalate	470		ug/kg	200	54.	1
Butyl benzyl phthalate	310		ug/kg	200	40.	1
Di-n-butylphthalate	120	J	ug/kg	200	40.	1
Di-n-octylphthalate	260		ug/kg	200	50.	1
Diethyl phthalate	58	J	ug/kg	200	43.	1
Dimethyl phthalate	ND		ug/kg	200	52.	1

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-01

Date Collected: 10/09/15 10:20

Client ID: SB-4 (0-2)

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	1900		ug/kg	120	40.	1
Benzo(a)pyrene	1600		ug/kg	160	50.	1
Benzo(b)fluoranthene	2100		ug/kg	120	41.	1
Benzo(k)fluoranthene	800		ug/kg	120	39.	1
Chrysene	2000		ug/kg	120	40.	1
Acenaphthylene	330		ug/kg	160	38.	1
Anthracene	1200		ug/kg	120	34.	1
Benzo(ghi)perylene	970		ug/kg	160	43.	1
Fluorene	700		ug/kg	200	59.	1
Phenanthrene	4600		ug/kg	120	40.	1
Dibenzo(a,h)anthracene	390		ug/kg	120	40.	1
Indeno(1,2,3-cd)Pyrene	1100		ug/kg	160	46.	1
Pyrene	4000		ug/kg	120	40.	1
Biphenyl	110	J	ug/kg	470	68.	1
4-Chloroaniline	ND		ug/kg	200	54.	1
2-Nitroaniline	170	J	ug/kg	200	58.	1
3-Nitroaniline	ND		ug/kg	200	57.	1
4-Nitroaniline	100	J	ug/kg	200	55.	1
Dibenzofuran	510		ug/kg	200	68.	1
2-Methylnaphthalene	320		ug/kg	250	66.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	64.	1
Acetophenone	ND		ug/kg	200	64.	1
2,4,6-Trichlorophenol	53	J	ug/kg	120	39.	1
P-Chloro-M-Cresol	66	J	ug/kg	200	60.	1
2-Chlorophenol	ND		ug/kg	200	62.	1
2,4-Dichlorophenol	ND		ug/kg	180	66.	1
2,4-Dimethylphenol	ND		ug/kg	200	61.	1
2-Nitrophenol	ND		ug/kg	440	64.	1
4-Nitrophenol	ND		ug/kg	290	66.	1
2,4-Dinitrophenol	ND		ug/kg	980	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	75.	1
Pentachlorophenol	320		ug/kg	160	44.	1
Phenol	1300		ug/kg	200	61.	1
2-Methylphenol	250		ug/kg	200	66.	1
3-Methylphenol/4-Methylphenol	1300		ug/kg	300	67.	1
2,4,5-Trichlorophenol	88	J	ug/kg	200	66.	1
Benzoic Acid	660		ug/kg	660	210	1
Benzyl Alcohol	670		ug/kg	200	63.	1
Carbazole	690		ug/kg	200	44.	1

Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS**

Lab ID: L1525736-01

Date Collected: 10/09/15 10:20

Client ID: SB-4 (0-2)

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	82		18-120

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-03
Client ID: SB-4 (4-6)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/13/15 13:40
Analyst: RC
Percent Solids: 81%

Date Collected: 10/09/15 10:27
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/12/15 11:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	41.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	66.	1
Hexachlorobenzene	ND		ug/kg	120	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	56.	1
2-Chloronaphthalene	ND		ug/kg	200	66.	1
1,2-Dichlorobenzene	ND		ug/kg	200	66.	1
1,3-Dichlorobenzene	ND		ug/kg	200	63.	1
1,4-Dichlorobenzene	ND		ug/kg	200	61.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	43.	1
2,6-Dinitrotoluene	ND		ug/kg	200	52.	1
Fluoranthene	340		ug/kg	120	37.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	61.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	71.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	61.	1
Hexachlorobutadiene	ND		ug/kg	200	57.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	130	1
Hexachloroethane	ND		ug/kg	160	37.	1
Isophorone	ND		ug/kg	180	54.	1
Naphthalene	ND		ug/kg	200	67.	1
Nitrobenzene	ND		ug/kg	180	48.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	42.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	60.	1
Bis(2-Ethylhexyl)phthalate	170	J	ug/kg	200	53.	1
Butyl benzyl phthalate	ND		ug/kg	200	39.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	50.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	51.	1

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-03

Date Collected: 10/09/15 10:27

Client ID: SB-4 (4-6)

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	140		ug/kg	120	39.	1
Benzo(a)pyrene	130	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	160		ug/kg	120	41.	1
Benzo(k)fluoranthene	54	J	ug/kg	120	38.	1
Chrysene	140		ug/kg	120	40.	1
Acenaphthylene	ND		ug/kg	160	38.	1
Anthracene	60	J	ug/kg	120	34.	1
Benzo(ghi)perylene	83	J	ug/kg	160	42.	1
Fluorene	ND		ug/kg	200	58.	1
Phenanthrene	240		ug/kg	120	39.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	39.	1
Indeno(1,2,3-cd)Pyrene	89	J	ug/kg	160	45.	1
Pyrene	290		ug/kg	120	39.	1
Biphenyl	ND		ug/kg	460	66.	1
4-Chloroaniline	ND		ug/kg	200	53.	1
2-Nitroaniline	ND		ug/kg	200	57.	1
3-Nitroaniline	ND		ug/kg	200	56.	1
4-Nitroaniline	ND		ug/kg	200	54.	1
Dibenzofuran	ND		ug/kg	200	67.	1
2-Methylnaphthalene	ND		ug/kg	240	64.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	62.	1
Acetophenone	ND		ug/kg	200	62.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
P-Chloro-M-Cresol	ND		ug/kg	200	58.	1
2-Chlorophenol	ND		ug/kg	200	61.	1
2,4-Dichlorophenol	ND		ug/kg	180	65.	1
2,4-Dimethylphenol	ND		ug/kg	200	60.	1
2-Nitrophenol	ND		ug/kg	440	63.	1
4-Nitrophenol	ND		ug/kg	280	65.	1
2,4-Dinitrophenol	ND		ug/kg	970	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	74.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	60.	1
2-Methylphenol	ND		ug/kg	200	65.	1
3-Methylphenol/4-Methylphenol	84	J	ug/kg	290	66.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	65.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	43.	1

Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS**

Lab ID: L1525736-03

Date Collected: 10/09/15 10:27

Client ID: SB-4 (4-6)

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	79		18-120

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-05
Client ID: SB-9 (0-2)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/13/15 14:05
Analyst: RC
Percent Solids: 87%

Date Collected: 10/09/15 12:20
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/12/15 11:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	160		ug/kg	150	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	63.	1
Hexachlorobenzene	ND		ug/kg	110	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	62.	1
1,2-Dichlorobenzene	ND		ug/kg	190	63.	1
1,3-Dichlorobenzene	ND		ug/kg	190	60.	1
1,4-Dichlorobenzene	ND		ug/kg	190	58.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	49.	1
Fluoranthene	2200		ug/kg	110	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	58.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	67.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	58.	1
Hexachlorobutadiene	ND		ug/kg	190	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	120	1
Hexachloroethane	ND		ug/kg	150	35.	1
Isophorone	ND		ug/kg	170	51.	1
Naphthalene	110	J	ug/kg	190	63.	1
Nitrobenzene	ND		ug/kg	170	45.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	57.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	50.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	47.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-05

Date Collected: 10/09/15 12:20

Client ID: SB-9 (0-2)

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	1100		ug/kg	110	37.	1
Benzo(a)pyrene	1100		ug/kg	150	47.	1
Benzo(b)fluoranthene	1400		ug/kg	110	39.	1
Benzo(k)fluoranthene	460		ug/kg	110	36.	1
Chrysene	1100		ug/kg	110	38.	1
Acenaphthylene	ND		ug/kg	150	36.	1
Anthracene	380		ug/kg	110	32.	1
Benzo(ghi)perylene	710		ug/kg	150	40.	1
Fluorene	140	J	ug/kg	190	55.	1
Phenanthrene	1600		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	180		ug/kg	110	37.	1
Indeno(1,2,3-cd)Pyrene	720		ug/kg	150	42.	1
Pyrene	1900		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	440	63.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	54.	1
3-Nitroaniline	ND		ug/kg	190	53.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	92	J	ug/kg	190	64.	1
2-Methylnaphthalene	ND		ug/kg	230	61.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	59.	1
Acetophenone	ND		ug/kg	190	59.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	55.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	62.	1
2,4-Dimethylphenol	ND		ug/kg	190	57.	1
2-Nitrophenol	ND		ug/kg	410	60.	1
4-Nitrophenol	ND		ug/kg	270	62.	1
2,4-Dinitrophenol	ND		ug/kg	920	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	70.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	56.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	63.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	62.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	150	J	ug/kg	190	41.	1

Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS**

Lab ID: L1525736-05

Date Collected: 10/09/15 12:20

Client ID: SB-9 (0-2)

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	89		18-120

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-07
 Client ID: SB-9 (4-6)
 Sample Location: BROOKLYN, NEW YORK
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/13/15 14:30
 Analyst: RC
 Percent Solids: 74%

Date Collected: 10/09/15 12:30
 Date Received: 10/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/12/15 11:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	46.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	73.	1
Hexachlorobenzene	ND		ug/kg	130	42.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	63.	1
2-Chloronaphthalene	ND		ug/kg	220	73.	1
1,2-Dichlorobenzene	ND		ug/kg	220	73.	1
1,3-Dichlorobenzene	ND		ug/kg	220	70.	1
1,4-Dichlorobenzene	ND		ug/kg	220	68.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	48.	1
2,6-Dinitrotoluene	ND		ug/kg	220	57.	1
Fluoranthene	480		ug/kg	130	41.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	68.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	51.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	79.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	68.	1
Hexachlorobutadiene	ND		ug/kg	220	63.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	140	1
Hexachloroethane	ND		ug/kg	180	41.	1
Isophorone	ND		ug/kg	200	59.	1
Naphthalene	110	J	ug/kg	220	74.	1
Nitrobenzene	ND		ug/kg	200	53.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	180	47.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	66.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	220	58.	1
Butyl benzyl phthalate	ND		ug/kg	220	44.	1
Di-n-butylphthalate	ND		ug/kg	220	43.	1
Di-n-octylphthalate	ND		ug/kg	220	55.	1
Diethyl phthalate	ND		ug/kg	220	47.	1
Dimethyl phthalate	ND		ug/kg	220	57.	1

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-07

Date Collected: 10/09/15 12:30

Client ID: SB-9 (4-6)

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	220		ug/kg	130	44.	1
Benzo(a)pyrene	220		ug/kg	180	55.	1
Benzo(b)fluoranthene	310		ug/kg	130	45.	1
Benzo(k)fluoranthene	93	J	ug/kg	130	43.	1
Chrysene	240		ug/kg	130	44.	1
Acenaphthylene	ND		ug/kg	180	42.	1
Anthracene	86	J	ug/kg	130	37.	1
Benzo(ghi)perylene	150	J	ug/kg	180	46.	1
Fluorene	ND		ug/kg	220	64.	1
Phenanthrene	360		ug/kg	130	44.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	43.	1
Indeno(1,2,3-cd)Pyrene	160	J	ug/kg	180	50.	1
Pyrene	420		ug/kg	130	43.	1
Biphenyl	ND		ug/kg	510	74.	1
4-Chloroaniline	ND		ug/kg	220	59.	1
2-Nitroaniline	ND		ug/kg	220	63.	1
3-Nitroaniline	ND		ug/kg	220	62.	1
4-Nitroaniline	ND		ug/kg	220	60.	1
Dibenzofuran	ND		ug/kg	220	74.	1
2-Methylnaphthalene	ND		ug/kg	270	71.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	69.	1
Acetophenone	ND		ug/kg	220	69.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
P-Chloro-M-Cresol	ND		ug/kg	220	65.	1
2-Chlorophenol	ND		ug/kg	220	67.	1
2,4-Dichlorophenol	ND		ug/kg	200	72.	1
2,4-Dimethylphenol	ND		ug/kg	220	66.	1
2-Nitrophenol	ND		ug/kg	480	70.	1
4-Nitrophenol	ND		ug/kg	310	72.	1
2,4-Dinitrophenol	ND		ug/kg	1100	300	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	82.	1
Pentachlorophenol	ND		ug/kg	180	48.	1
Phenol	ND		ug/kg	220	66.	1
2-Methylphenol	ND		ug/kg	220	72.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	73.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	72.	1
Benzoic Acid	ND		ug/kg	720	230	1
Benzyl Alcohol	ND		ug/kg	220	69.	1
Carbazole	ND		ug/kg	220	48.	1

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-07
 Client ID: SB-9 (4-6)
 Sample Location: BROOKLYN, NEW YORK

Date Collected: 10/09/15 12:30
 Date Received: 10/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	68		18-120

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-09
 Client ID: SB-10 (0-2)
 Sample Location: BROOKLYN, NEW YORK
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/13/15 14:56
 Analyst: RC
 Percent Solids: 84%

Date Collected: 10/09/15 13:31
 Date Received: 10/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/12/15 11:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2600		ug/kg	160	41.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	65.	1
Hexachlorobenzene	ND		ug/kg	120	37.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	55.	1
2-Chloronaphthalene	ND		ug/kg	200	64.	1
1,2-Dichlorobenzene	ND		ug/kg	200	65.	1
1,3-Dichlorobenzene	ND		ug/kg	200	62.	1
1,4-Dichlorobenzene	ND		ug/kg	200	60.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	42.	1
2,6-Dinitrotoluene	ND		ug/kg	200	50.	1
Fluoranthene	14000	E	ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	60.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	45.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	69.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	60.	1
Hexachlorobutadiene	ND		ug/kg	200	56.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	130	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	52.	1
Naphthalene	2500		ug/kg	200	65.	1
Nitrobenzene	ND		ug/kg	180	47.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	59.	1
Bis(2-Ethylhexyl)phthalate	640		ug/kg	200	52.	1
Butyl benzyl phthalate	ND		ug/kg	200	38.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	48.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	50.	1

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-09

Date Collected: 10/09/15 13:31

Client ID: SB-10 (0-2)

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	7800		ug/kg	120	39.	1
Benzo(a)pyrene	6600		ug/kg	160	48.	1
Benzo(b)fluoranthene	8000	E	ug/kg	120	40.	1
Benzo(k)fluoranthene	3000		ug/kg	120	38.	1
Chrysene	7100		ug/kg	120	39.	1
Acenaphthylene	420		ug/kg	160	37.	1
Anthracene	5200		ug/kg	120	33.	1
Benzo(ghi)perylene	3800		ug/kg	160	41.	1
Fluorene	2500		ug/kg	200	56.	1
Phenanthrene	15000	E	ug/kg	120	38.	1
Dibenzo(a,h)anthracene	1000		ug/kg	120	38.	1
Indeno(1,2,3-cd)Pyrene	4200		ug/kg	160	44.	1
Pyrene	11000	E	ug/kg	120	38.	1
Biphenyl	340	J	ug/kg	450	65.	1
4-Chloroaniline	ND		ug/kg	200	52.	1
2-Nitroaniline	ND		ug/kg	200	56.	1
3-Nitroaniline	ND		ug/kg	200	54.	1
4-Nitroaniline	ND		ug/kg	200	53.	1
Dibenzofuran	2100		ug/kg	200	66.	1
2-Methylnaphthalene	1000		ug/kg	240	63.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	61.	1
Acetophenone	ND		ug/kg	200	61.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
P-Chloro-M-Cresol	ND		ug/kg	200	57.	1
2-Chlorophenol	ND		ug/kg	200	60.	1
2,4-Dichlorophenol	ND		ug/kg	180	64.	1
2,4-Dimethylphenol	ND		ug/kg	200	59.	1
2-Nitrophenol	ND		ug/kg	420	62.	1
4-Nitrophenol	ND		ug/kg	280	64.	1
2,4-Dinitrophenol	ND		ug/kg	950	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	72.	1
Pentachlorophenol	ND		ug/kg	160	42.	1
Phenol	ND		ug/kg	200	58.	1
2-Methylphenol	ND		ug/kg	200	64.	1
3-Methylphenol/4-Methylphenol	110	J	ug/kg	280	65.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	64.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	2500		ug/kg	200	42.	1

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-09
 Client ID: SB-10 (0-2)
 Sample Location: BROOKLYN, NEW YORK

Date Collected: 10/09/15 13:31
 Date Received: 10/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	73		18-120

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-09 D
 Client ID: SB-10 (0-2)
 Sample Location: BROOKLYN, NEW YORK
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/14/15 14:42
 Analyst: RC
 Percent Solids: 84%

Date Collected: 10/09/15 13:31
 Date Received: 10/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/12/15 11:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	24000		ug/kg	590	180	5
Benzo(b)fluoranthene	9800		ug/kg	590	200	5
Phenanthrene	26000		ug/kg	590	190	5
Pyrene	20000		ug/kg	590	190	5

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-11
Client ID: SB-10 (4-6)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/13/15 15:20
Analyst: RC
Percent Solids: 84%

Date Collected: 10/09/15 13:40
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/12/15 11:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	5200		ug/kg	160	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	64.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	55.	1
2-Chloronaphthalene	ND		ug/kg	200	64.	1
1,2-Dichlorobenzene	ND		ug/kg	200	64.	1
1,3-Dichlorobenzene	ND		ug/kg	200	62.	1
1,4-Dichlorobenzene	ND		ug/kg	200	59.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	42.	1
2,6-Dinitrotoluene	ND		ug/kg	200	50.	1
Fluoranthene	25000	E	ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	59.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	45.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	69.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	59.	1
Hexachlorobutadiene	ND		ug/kg	200	55.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	120	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	52.	1
Naphthalene	5400		ug/kg	200	65.	1
Nitrobenzene	ND		ug/kg	180	46.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	58.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	200	51.	1
Butyl benzyl phthalate	ND		ug/kg	200	38.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	48.	1
Diethyl phthalate	ND		ug/kg	200	41.	1
Dimethyl phthalate	ND		ug/kg	200	50.	1

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-11

Date Collected: 10/09/15 13:40

Client ID: SB-10 (4-6)

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	17000	E	ug/kg	120	38.	1
Benzo(a)pyrene	14000	E	ug/kg	160	48.	1
Benzo(b)fluoranthene	18000	E	ug/kg	120	39.	1
Benzo(k)fluoranthene	5900		ug/kg	120	37.	1
Chrysene	16000	E	ug/kg	120	38.	1
Acenaphthylene	1500		ug/kg	160	36.	1
Anthracene	9900	E	ug/kg	120	32.	1
Benzo(ghi)perylene	8700	E	ug/kg	160	41.	1
Fluorene	5400		ug/kg	200	56.	1
Phenanthrene	26000	E	ug/kg	120	38.	1
Dibenzo(a,h)anthracene	2300		ug/kg	120	38.	1
Indeno(1,2,3-cd)Pyrene	9800	E	ug/kg	160	43.	1
Pyrene	22000	E	ug/kg	120	38.	1
Biphenyl	800		ug/kg	440	64.	1
4-Chloroaniline	ND		ug/kg	200	52.	1
2-Nitroaniline	ND		ug/kg	200	55.	1
3-Nitroaniline	ND		ug/kg	200	54.	1
4-Nitroaniline	ND		ug/kg	200	53.	1
Dibenzofuran	4600		ug/kg	200	65.	1
2-Methylnaphthalene	2300		ug/kg	230	62.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	60.	1
Acetophenone	ND		ug/kg	200	60.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
P-Chloro-M-Cresol	ND		ug/kg	200	57.	1
2-Chlorophenol	ND		ug/kg	200	59.	1
2,4-Dichlorophenol	ND		ug/kg	180	63.	1
2,4-Dimethylphenol	ND		ug/kg	200	58.	1
2-Nitrophenol	ND		ug/kg	420	61.	1
4-Nitrophenol	ND		ug/kg	270	63.	1
2,4-Dinitrophenol	ND		ug/kg	940	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	72.	1
Pentachlorophenol	ND		ug/kg	160	42.	1
Phenol	93	J	ug/kg	200	58.	1
2-Methylphenol	93	J	ug/kg	200	63.	1
3-Methylphenol/4-Methylphenol	260	J	ug/kg	280	64.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	63.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	5100		ug/kg	200	42.	1

Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS**

Lab ID: L1525736-11

Date Collected: 10/09/15 13:40

Client ID: SB-10 (4-6)

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	75		18-120

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-11 D
Client ID: SB-10 (4-6)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/14/15 14:16
Analyst: RC
Percent Solids: 84%

Date Collected: 10/09/15 13:40
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/12/15 11:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	50000		ug/kg	1200	360	10
Benzo(a)anthracene	19000		ug/kg	1200	380	10
Benzo(a)pyrene	16000		ug/kg	1600	480	10
Benzo(b)fluoranthene	21000		ug/kg	1200	390	10
Chrysene	19000		ug/kg	1200	380	10
Anthracene	12000		ug/kg	1200	320	10
Benzo(ghi)perylene	8500		ug/kg	1600	410	10
Phenanthrene	55000		ug/kg	1200	380	10
Indeno(1,2,3-cd)Pyrene	9600		ug/kg	1600	430	10
Pyrene	42000		ug/kg	1200	380	10

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-13
Client ID: GW-4
Sample Location: BROOKLYN, NEW YORK
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/15/15 12:26
Analyst: JB

Date Collected: 10/09/15 10:55
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/14/15 10:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	ND		ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-13
Client ID: GW-4
Sample Location: BROOKLYN, NEW YORK

Date Collected: 10/09/15 10:55
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	113		10-120
4-Terphenyl-d14	105		41-149

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-13
Client ID: GW-4
Sample Location: BROOKLYN, NEW YORK
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/16/15 11:02
Analyst: AS

Date Collected: 10/09/15 10:55
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/15/15 16:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	ND		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	ND		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.04	1
Pyrene	ND		ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS**

Lab ID: L1525736-13

Date Collected: 10/09/15 10:55

Client ID: GW-4

Date Received: 10/09/15

Sample Location: BROOKLYN, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	29		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	84		41-149

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/13/15 10:52
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 10/12/15 11:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG829982-1					
Acenaphthene	ND		ug/kg	130	33.
Benzidine	ND		ug/kg	540	130
n-Nitrosodimethylamine	ND		ug/kg	320	53.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	49.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Azobenzene	ND		ug/kg	160	44.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/13/15 10:52
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 10/12/15 11:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG829982-1					
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	97	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	33.
Benzo(k)fluoranthene	ND		ug/kg	97	31.
Chrysene	ND		ug/kg	97	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	97	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	97	32.
Dibenzo(a,h)anthracene	ND		ug/kg	97	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	97	32.
Biphenyl	ND		ug/kg	370	54.
Aniline	ND		ug/kg	190	33.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
P-Chloro-M-Cresol	ND		ug/kg	160	47.

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/13/15 10:52
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 10/12/15 11:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG829982-1					
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	210	66.
Caprolactam	ND		ug/kg	160	45.
Atrazine	ND		ug/kg	130	37.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	28.
Pyridine	ND		ug/kg	650	58.
Parathion, ethyl	ND		ug/kg	160	64.
1-Methylnaphthalene	ND		ug/kg	160	48.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/13/15 10:52
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 10/12/15 11:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG829982-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	91		18-120

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/15/15 11:09
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 10/14/15 10:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG830728-1					
Acenaphthene	ND		ug/l	2.0	0.28
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21
Benzidine	ND		ug/l	20	5.2
n-Nitrosodimethylamine	ND		ug/l	2.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.40
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41
2-Chloronaphthalene	ND		ug/l	2.0	0.46
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89
Azobenzene	ND		ug/l	2.0	0.54
Fluoranthene	ND		ug/l	2.0	0.40
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60
Hexachlorobutadiene	ND		ug/l	2.0	0.42
Hexachlorocyclopentadiene	ND		ug/l	20	0.58
Hexachloroethane	ND		ug/l	2.0	0.30
Isophorone	ND		ug/l	5.0	0.79
Naphthalene	ND		ug/l	2.0	0.33
Nitrobenzene	ND		ug/l	2.0	0.40
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93
Butyl benzyl phthalate	ND		ug/l	5.0	1.1

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/15/15 11:09
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 10/14/15 10:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG830728-1					
Di-n-butylphthalate	ND		ug/l	5.0	0.77
Di-n-octylphthalate	ND		ug/l	5.0	1.2
Diethyl phthalate	ND		ug/l	5.0	0.39
Dimethyl phthalate	ND		ug/l	5.0	0.33
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Chrysene	ND		ug/l	2.0	0.30
Acenaphthylene	ND		ug/l	2.0	0.37
Anthracene	ND		ug/l	2.0	0.20
Benzo(ghi)perylene	ND		ug/l	2.0	0.57
Fluorene	ND		ug/l	2.0	0.32
Phenanthrene	ND		ug/l	2.0	0.23
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Pyrene	ND		ug/l	2.0	0.52
Biphenyl	ND		ug/l	2.0	0.24
4-Chloroaniline	ND		ug/l	5.0	0.84
2-Nitroaniline	ND		ug/l	5.0	0.96
3-Nitroaniline	ND		ug/l	5.0	0.67
4-Nitroaniline	ND		ug/l	5.0	0.83
Dibenzofuran	ND		ug/l	2.0	0.22
2-Methylnaphthalene	ND		ug/l	2.0	0.36
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36
Acetophenone	ND		ug/l	5.0	0.43
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54
2-Chlorophenol	ND		ug/l	2.0	0.58

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/15/15 11:09
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 10/14/15 10:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG830728-1					
2,4-Dichlorophenol	ND		ug/l	5.0	0.56
2,4-Dimethylphenol	ND		ug/l	5.0	0.58
2-Nitrophenol	ND		ug/l	10	1.0
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4
Pentachlorophenol	ND		ug/l	10	3.2
Phenol	ND		ug/l	5.0	0.27
2-Methylphenol	ND		ug/l	5.0	0.70
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.68
Carbazole	ND		ug/l	2.0	0.37
Benzaldehyde	ND		ug/l	5.0	0.99
Caprolactam	ND		ug/l	10	0.39
Atrazine	ND		ug/l	10	0.79
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.59

Tentatively Identified Compounds

Unknown Alkane	15	J	ug/l
Unknown	110	J	ug/l
Unknown	410	J	ug/l
Unknown	6.8	J	ug/l
Unknown Organic Acid	9.5	J	ug/l
Unknown Organic Acid	35	J	ug/l



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 10/15/15 11:09
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 10/14/15 10:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG830728-1					

Tentatively Identified Compounds

Unknown Organic Acid	4.9	J	ug/l		
Unknown	10	J	ug/l		
Unknown	13	J	ug/l		
Unknown	5.5	J	ug/l		
Unknown	7.3	J	ug/l		
Unknown	12	J	ug/l		
Unknown	4.7	J	ug/l		
Unknown	18	J	ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	95		15-120
2,4,6-Tribromophenol	110		10-120
4-Terphenyl-d14	96		41-149

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/16/15 08:56
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 10/15/15 16:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 13 Batch: WG831254-1					
Acenaphthene	ND		ug/l	0.20	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.20	0.04
Benzo(a)anthracene	ND		ug/l	0.20	0.02
Benzo(a)pyrene	ND		ug/l	0.20	0.04
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04
Chrysene	ND		ug/l	0.20	0.04
Acenaphthylene	ND		ug/l	0.20	0.04
Anthracene	ND		ug/l	0.20	0.04
Benzo(ghi)perylene	ND		ug/l	0.20	0.04
Fluorene	ND		ug/l	0.20	0.04
Phenanthrene	ND		ug/l	0.20	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.04
Pyrene	ND		ug/l	0.20	0.04
2-Methylnaphthalene	ND		ug/l	0.20	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D-SIM
 Analytical Date: 10/16/15 08:56
 Analyst: AS

Extraction Method: EPA 3510C
 Extraction Date: 10/15/15 16:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 13 Batch: WG831254-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	100		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG829982-2 WG829982-3								
Acenaphthene	76		81		31-137	6		50
Benidine	49		61		10-66	22		50
n-Nitrosodimethylamine	52		52		22-100	0		50
1,2,4-Trichlorobenzene	77		76		38-107	1		50
Hexachlorobenzene	84		88		40-140	5		50
Bis(2-chloroethyl)ether	64		65		40-140	2		50
2-Chloronaphthalene	82		89		40-140	8		50
1,2-Dichlorobenzene	75		75		40-140	0		50
1,3-Dichlorobenzene	72		69		40-140	4		50
1,4-Dichlorobenzene	70		71		28-104	1		50
3,3'-Dichlorobenzidine	67		70		40-140	4		50
2,4-Dinitrotoluene	76		81		28-89	6		50
2,6-Dinitrotoluene	79		90		40-140	13		50
Fluoranthene	76		86		40-140	12		50
4-Chlorophenyl phenyl ether	76		82		40-140	8		50
4-Bromophenyl phenyl ether	83		91		40-140	9		50
Azobenzene	71		75		40-140	5		50
Bis(2-chloroisopropyl)ether	60		60		40-140	0		50
Bis(2-chloroethoxy)methane	68		77		40-117	12		50
Hexachlorobutadiene	75		79		40-140	5		50
Hexachlorocyclopentadiene	86		92		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG829982-2 WG829982-3								
Hexachloroethane	70		67		40-140	4		50
Isophorone	68		77		40-140	12		50
Naphthalene	76		79		40-140	4		50
Nitrobenzene	66		66		40-140	0		50
NitrosoDiPhenylAmine(NDPA)/DPA	79		87		36-157	10		50
n-Nitrosodi-n-propylamine	66		73		32-121	10		50
Bis(2-Ethylhexyl)phthalate	74		67		40-140	10		50
Butyl benzyl phthalate	65		78		40-140	18		50
Di-n-butylphthalate	78		82		40-140	5		50
Di-n-octylphthalate	76		67		40-140	13		50
Diethyl phthalate	78		83		40-140	6		50
Dimethyl phthalate	77		82		40-140	6		50
Benzo(a)anthracene	79		80		40-140	1		50
Benzo(a)pyrene	78		81		40-140	4		50
Benzo(b)fluoranthene	78		82		40-140	5		50
Benzo(k)fluoranthene	77		78		40-140	1		50
Chrysene	79		79		40-140	0		50
Acenaphthylene	83		92		40-140	10		50
Anthracene	81		84		40-140	4		50
Benzo(ghi)perylene	77		80		40-140	4		50
Fluorene	79		84		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG829982-2 WG829982-3								
Phenanthrene	79		81		40-140	3		50
Dibenzo(a,h)anthracene	78		81		40-140	4		50
Indeno(1,2,3-cd)Pyrene	78		81		40-140	4		50
Pyrene	69		85		35-142	21		50
Biphenyl	74		78		54-104	5		50
Aniline	55		58		40-140	5		50
4-Chloroaniline	79		84		40-140	6		50
2-Nitroaniline	78		85		47-134	9		50
3-Nitroaniline	63		69		26-129	9		50
4-Nitroaniline	74		76		41-125	3		50
Dibenzofuran	79		84		40-140	6		50
2-Methylnaphthalene	79		85		40-140	7		50
1,2,4,5-Tetrachlorobenzene	72		77		40-117	7		50
Acetophenone	72		78		14-144	8		50
2,4,6-Trichlorophenol	86		95		30-130	10		50
P-Chloro-M-Cresol	76		85		26-103	11		50
2-Chlorophenol	75		76		25-102	1		50
2,4-Dichlorophenol	80		88		30-130	10		50
2,4-Dimethylphenol	77		89		30-130	14		50
2-Nitrophenol	75		83		30-130	10		50
4-Nitrophenol	78		83		11-114	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG829982-2 WG829982-3								
2,4-Dinitrophenol	52		61		4-130	16		50
4,6-Dinitro-o-cresol	74		78		10-130	5		50
Pentachlorophenol	76		83		17-109	9		50
Phenol	66		72		26-90	9		50
2-Methylphenol	73		80		30-130.	9		50
3-Methylphenol/4-Methylphenol	76		85		30-130	11		50
2,4,5-Trichlorophenol	84		95		30-130	12		50
Benzoic Acid	14		21		10-66	40		50
Benzyl Alcohol	72		80		40-140	11		50
Carbazole	81		84		54-128	4		50
Benzaldehyde	65		68		40-140	5		50
Caprolactam	72		83		15-130	14		50
Atrazine	80		82		40-140	2		50
2,3,4,6-Tetrachlorophenol	83		90		40-140	8		50
Pyridine	48		47		10-93	2		50
Parathion, ethyl	84		88		40-140	5		50
1-Methylnaphthalene	76		80		26-130	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG829982-2 WG829982-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
2-Fluorophenol	72		75		25-120
Phenol-d6	72		77		10-120
Nitrobenzene-d5	68		68		23-120
2-Fluorobiphenyl	82		88		30-120
2,4,6-Tribromophenol	84		92		10-136
4-Terphenyl-d14	69		85		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG830728-2 WG830728-3								
Acenaphthene	89		91		37-111	2		30
1,2,4-Trichlorobenzene	77		90		39-98	16		30
Benzidine	16		3	Q	10-66	140	Q	30
n-Nitrosodimethylamine	44		48		22-100	9		30
Hexachlorobenzene	104		102		40-140	2		30
Bis(2-chloroethyl)ether	77		78		40-140	1		30
2-Chloronaphthalene	92		97		40-140	5		30
1,2-Dichlorobenzene	73		87		40-140	18		30
1,3-Dichlorobenzene	68		85		40-140	22		30
1,4-Dichlorobenzene	70		87		36-97	22		30
3,3'-Dichlorobenzidine	92		79		40-140	15		30
2,4-Dinitrotoluene	101	Q	100	Q	24-96	1		30
2,6-Dinitrotoluene	100		101		40-140	1		30
Azobenzene	94		92		40-140	2		30
Fluoranthene	99		95		40-140	4		30
4-Chlorophenyl phenyl ether	96		100		40-140	4		30
4-Bromophenyl phenyl ether	105		105		40-140	0		30
Bis(2-chloroisopropyl)ether	68		71		40-140	4		30
Bis(2-chloroethoxy)methane	82		84		40-140	2		30
Hexachlorobutadiene	79		95		40-140	18		30
Hexachlorocyclopentadiene	69		76		40-140	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG830728-2 WG830728-3								
Hexachloroethane	68		81		40-140	17		30
Isophorone	89		88		40-140	1		30
Naphthalene	81		90		40-140	11		30
Nitrobenzene	82		84		40-140	2		30
NitrosoDiPhenylAmine(NDPA)/DPA	97		97		40-140	0		30
n-Nitrosodi-n-propylamine	87		87		29-132	0		30
Bis(2-Ethylhexyl)phthalate	92		89		40-140	3		30
Butyl benzyl phthalate	99		94		40-140	5		30
Di-n-butylphthalate	98		95		40-140	3		30
Di-n-octylphthalate	96		92		40-140	4		30
Diethyl phthalate	100		100		40-140	0		30
Dimethyl phthalate	96		98		40-140	2		30
Benzo(a)anthracene	95		94		40-140	1		30
Benzo(a)pyrene	95		94		40-140	1		30
Benzo(b)fluoranthene	98		98		40-140	0		30
Benzo(k)fluoranthene	96		97		40-140	1		30
Chrysene	92		89		40-140	3		30
Acenaphthylene	94		98		45-123	4		30
Anthracene	94		93		40-140	1		30
Benzo(ghi)perylene	98		95		40-140	3		30
Fluorene	96		99		40-140	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG830728-2 WG830728-3								
Phenanthrene	92		90		40-140	2		30
Dibenzo(a,h)anthracene	99		96		40-140	3		30
Indeno(1,2,3-cd)Pyrene	100		96		40-140	4		30
Pyrene	99		96		26-127	3		30
Biphenyl	91		96		54-104	5		30
4-Chloroaniline	91		79		40-140	14		30
2-Nitroaniline	98		101		52-143	3		30
3-Nitroaniline	84		76		25-145	10		30
4-Nitroaniline	93		89		51-143	4		30
Dibenzofuran	92		95		40-140	3		30
2-Methylnaphthalene	86		95		40-140	10		30
1,2,4,5-Tetrachlorobenzene	86		94		2-134	9		30
Acetophenone	92		95		39-129	3		30
2,4,6-Trichlorophenol	106		108		30-130	2		30
P-Chloro-M-Cresol	98	Q	100	Q	23-97	2		30
2-Chlorophenol	85		86		27-123	1		30
2,4-Dichlorophenol	96		100		30-130	4		30
2,4-Dimethylphenol	90		87		30-130	3		30
2-Nitrophenol	93		92		30-130	1		30
4-Nitrophenol	68		78		10-80	14		30
2,4-Dinitrophenol	95		91		20-130	4		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG830728-2 WG830728-3								
4,6-Dinitro-o-cresol	100		98		20-164	2		30
Pentachlorophenol	90		91		9-103	1		30
Phenol	44		48		12-110	9		30
2-Methylphenol	82		86		30-130	5		30
3-Methylphenol/4-Methylphenol	82		82		30-130	0		30
2,4,5-Trichlorophenol	100		104		30-130	4		30
Benzoic Acid	28		51		10-110	58	Q	30
Benzyl Alcohol	81		83		15-110	2		30
Carbazole	97		95		55-144	2		30
Benzaldehyde	91		97		40-140	6		30
Caprolactam	28		30		10-130	7		30
Atrazine	102		100		40-140	2		30
2,3,4,6-Tetrachlorophenol	105		110		54-145	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		55		21-120
Phenol-d6	41		38		10-120
Nitrobenzene-d5	89		76		23-120
2-Fluorobiphenyl	94		80		15-120
2,4,6-Tribromophenol	103		83		10-120
4-Terphenyl-d14	102		80		41-149



Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 13 Batch: WG831254-2 WG831254-3								
Acenaphthene	79		81		37-111	3		40
2-Chloronaphthalene	82		86		40-140	5		40
Fluoranthene	94		91		40-140	3		40
Hexachlorobutadiene	61		72		40-140	17		40
Naphthalene	70		77		40-140	10		40
Benzo(a)anthracene	90		87		40-140	3		40
Benzo(a)pyrene	89		86		40-140	3		40
Benzo(b)fluoranthene	90		89		40-140	1		40
Benzo(k)fluoranthene	87		83		40-140	5		40
Chrysene	84		82		40-140	2		40
Acenaphthylene	90		91		40-140	1		40
Anthracene	87		84		40-140	4		40
Benzo(ghi)perylene	93		91		40-140	2		40
Fluorene	89		89		40-140	0		40
Phenanthrene	86		84		40-140	2		40
Dibenzo(a,h)anthracene	95		93		40-140	2		40
Indeno(1,2,3-cd)Pyrene	92		90		40-140	2		40
Pyrene	93		90		26-127	3		40
2-Methylnaphthalene	79		85		40-140	7		40
Pentachlorophenol	84		80		9-103	5		40
Hexachlorobenzene	78		77		40-140	1		40

Lab Control Sample Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 13 Batch: WG831254-2 WG831254-3								
Hexachloroethane	62		74		40-140	18		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	46		50		21-120
Phenol-d6	32		34		10-120
Nitrobenzene-d5	78		86		23-120
2-Fluorobiphenyl	82		85		15-120
2,4,6-Tribromophenol	110		105		10-120
4-Terphenyl-d14	101		96		41-149

PCBS

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-01
Client ID: SB-4 (0-2)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/15/15 01:12
Analyst: BT
Percent Solids: 80%

Date Collected: 10/09/15 10:20
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/13/15 21:47
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.9	3.15	1	A
Aroclor 1221	ND		ug/kg	39.9	3.68	1	A
Aroclor 1232	ND		ug/kg	39.9	4.67	1	A
Aroclor 1242	ND		ug/kg	39.9	4.88	1	A
Aroclor 1248	ND		ug/kg	39.9	3.37	1	A
Aroclor 1254	ND		ug/kg	39.9	3.28	1	A
Aroclor 1260	ND		ug/kg	39.9	3.04	1	A
Aroclor 1262	ND		ug/kg	39.9	1.98	1	A
Aroclor 1268	ND		ug/kg	39.9	5.78	1	A
PCBs, Total	ND		ug/kg	39.9	1.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-03
Client ID: SB-4 (4-6)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/15/15 01:25
Analyst: BT
Percent Solids: 81%

Date Collected: 10/09/15 10:27
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/13/15 21:47
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.8	3.14	1	A
Aroclor 1221	ND		ug/kg	39.8	3.67	1	A
Aroclor 1232	ND		ug/kg	39.8	4.66	1	A
Aroclor 1242	ND		ug/kg	39.8	4.87	1	A
Aroclor 1248	ND		ug/kg	39.8	3.36	1	A
Aroclor 1254	ND		ug/kg	39.8	3.27	1	A
Aroclor 1260	ND		ug/kg	39.8	3.03	1	A
Aroclor 1262	ND		ug/kg	39.8	1.97	1	A
Aroclor 1268	ND		ug/kg	39.8	5.77	1	A
PCBs, Total	ND		ug/kg	39.8	1.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-05
Client ID: SB-9 (0-2)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/15/15 17:20
Analyst: JT
Percent Solids: 87%

Date Collected: 10/09/15 12:20
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/13/15 22:50
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.7	2.98	1	A
Aroclor 1221	ND		ug/kg	37.7	3.48	1	A
Aroclor 1232	ND		ug/kg	37.7	4.42	1	A
Aroclor 1242	ND		ug/kg	37.7	4.61	1	A
Aroclor 1248	ND		ug/kg	37.7	3.18	1	A
Aroclor 1254	ND		ug/kg	37.7	3.10	1	A
Aroclor 1260	ND		ug/kg	37.7	2.87	1	A
Aroclor 1262	ND		ug/kg	37.7	1.87	1	A
Aroclor 1268	ND		ug/kg	37.7	5.46	1	A
PCBs, Total	ND		ug/kg	37.7	1.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-07
Client ID: SB-9 (4-6)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/15/15 17:45
Analyst: JT
Percent Solids: 74%

Date Collected: 10/09/15 12:30
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/13/15 22:50
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	43.5	3.44	1	A
Aroclor 1221	ND		ug/kg	43.5	4.01	1	A
Aroclor 1232	ND		ug/kg	43.5	5.10	1	A
Aroclor 1242	ND		ug/kg	43.5	5.32	1	A
Aroclor 1248	ND		ug/kg	43.5	3.67	1	A
Aroclor 1254	ND		ug/kg	43.5	3.58	1	A
Aroclor 1260	ND		ug/kg	43.5	3.31	1	A
Aroclor 1262	ND		ug/kg	43.5	2.16	1	A
Aroclor 1268	ND		ug/kg	43.5	6.31	1	A
PCBs, Total	ND		ug/kg	43.5	2.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-09
Client ID: SB-10 (0-2)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/15/15 17:57
Analyst: JT
Percent Solids: 84%

Date Collected: 10/09/15 13:31
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/13/15 22:50
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.9	3.07	1	A
Aroclor 1221	ND		ug/kg	38.9	3.58	1	A
Aroclor 1232	ND		ug/kg	38.9	4.56	1	A
Aroclor 1242	ND		ug/kg	38.9	4.76	1	A
Aroclor 1248	ND		ug/kg	38.9	3.28	1	A
Aroclor 1254	ND		ug/kg	38.9	3.19	1	A
Aroclor 1260	ND		ug/kg	38.9	2.96	1	A
Aroclor 1262	ND		ug/kg	38.9	1.93	1	A
Aroclor 1268	ND		ug/kg	38.9	5.64	1	A
PCBs, Total	ND		ug/kg	38.9	1.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-11
Client ID: SB-10 (4-6)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/15/15 18:09
Analyst: JT
Percent Solids: 84%

Date Collected: 10/09/15 13:40
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/13/15 22:50
Cleanup Method: EPA 3665A
Cleanup Date: 10/15/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/15/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.8	2.99	1	A
Aroclor 1221	ND		ug/kg	37.8	3.48	1	A
Aroclor 1232	ND		ug/kg	37.8	4.43	1	A
Aroclor 1242	ND		ug/kg	37.8	4.63	1	A
Aroclor 1248	ND		ug/kg	37.8	3.19	1	A
Aroclor 1254	ND		ug/kg	37.8	3.11	1	A
Aroclor 1260	ND		ug/kg	37.8	2.88	1	A
Aroclor 1262	ND		ug/kg	37.8	1.87	1	A
Aroclor 1268	ND		ug/kg	37.8	5.48	1	A
PCBs, Total	ND		ug/kg	37.8	1.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-13
Client ID: GW-4
Sample Location: BROOKLYN, NEW YORK
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/14/15 21:22
Analyst: JW

Date Collected: 10/09/15 10:55
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/14/15 12:39
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	91		30-150	B
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	91		30-150	A

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 10/14/15 23:46
 Analyst: BT

Extraction Method: EPA 3546
 Extraction Date: 10/13/15 21:46
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/14/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/14/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03 Batch: WG830548-1						
Aroclor 1016	ND		ug/kg	32.9	2.60	A
Aroclor 1221	ND		ug/kg	32.9	3.03	A
Aroclor 1232	ND		ug/kg	32.9	3.86	A
Aroclor 1242	ND		ug/kg	32.9	4.03	A
Aroclor 1248	ND		ug/kg	32.9	2.78	A
Aroclor 1254	ND		ug/kg	32.9	2.70	A
Aroclor 1260	ND		ug/kg	32.9	2.51	A
Aroclor 1262	ND		ug/kg	32.9	1.63	A
Aroclor 1268	ND		ug/kg	32.9	4.77	A
PCBs, Total	ND		ug/kg	32.9	1.63	A

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	69		30-150	B



Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 10/15/15 18:22
 Analyst: JT

Extraction Method: EPA 3546
 Extraction Date: 10/13/15 22:50
 Cleanup Method: EPA 3665A
 Cleanup Date: 10/15/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 10/15/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05,07,09,11 Batch: WG830565-1						
Aroclor 1016	ND		ug/kg	32.4	2.56	A
Aroclor 1221	ND		ug/kg	32.4	2.99	A
Aroclor 1232	ND		ug/kg	32.4	3.80	A
Aroclor 1242	ND		ug/kg	32.4	3.97	A
Aroclor 1248	ND		ug/kg	32.4	2.73	A
Aroclor 1254	ND		ug/kg	32.4	2.66	A
Aroclor 1260	ND		ug/kg	32.4	2.47	A
Aroclor 1262	ND		ug/kg	32.4	1.61	A
Aroclor 1268	ND		ug/kg	32.4	4.70	A
PCBs, Total	ND		ug/kg	32.4	1.61	A

Surrogate	%Recovery	Qualifier	Acceptance	Column
			Criteria	
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	72		30-150	B



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 10/14/15 20:19
Analyst: JW

Extraction Method: EPA 3510C
Extraction Date: 10/14/15 12:39
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 13 Batch: WG830789-1						
Aroclor 1016	ND		ug/l	0.083	0.055	A
Aroclor 1221	ND		ug/l	0.083	0.053	A
Aroclor 1232	ND		ug/l	0.083	0.031	A
Aroclor 1242	ND		ug/l	0.083	0.060	A
Aroclor 1248	ND		ug/l	0.083	0.051	A
Aroclor 1254	ND		ug/l	0.083	0.034	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.029	A
Aroclor 1268	ND		ug/l	0.083	0.038	A
PCBs, Total	ND		ug/l	0.083	0.029	A

Surrogate	%Recovery	Qualifier	Acceptance	Column
			Criteria	
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	105		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	107		30-150	A



Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG830548-2 WG830548-3									
Aroclor 1016	76		78		40-140	3		50	A
Aroclor 1260	59		61		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		66		30-150	A
Decachlorobiphenyl	49		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		61		30-150	B
Decachlorobiphenyl	69		69		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05,07,09,11 Batch: WG830565-2 WG830565-3									
Aroclor 1016	53		54		40-140	2		50	A
Aroclor 1260	48		49		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		55		30-150	A
Decachlorobiphenyl	54		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		51		30-150	B
Decachlorobiphenyl	66		65		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 13 Batch: WG830789-2 WG830789-3									
Aroclor 1016	93		99		40-140	6		50	A
Aroclor 1260	97		103		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		82		30-150	B
Decachlorobiphenyl	96		91		30-150	B
2,4,5,6-Tetrachloro-m-xylene	81		80		30-150	A
Decachlorobiphenyl	97		92		30-150	A

PESTICIDES

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-01
Client ID: SB-4 (0-2)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/14/15 23:43
Analyst: AL
Percent Solids: 80%

Date Collected: 10/09/15 10:20
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/13/15 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/14/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.379	1	A
Lindane	ND		ug/kg	0.807	0.361	1	A
Alpha-BHC	ND		ug/kg	0.807	0.229	1	A
Beta-BHC	ND		ug/kg	1.94	0.735	1	A
Heptachlor	ND		ug/kg	0.969	0.434	1	A
Aldrin	ND		ug/kg	1.94	0.682	1	A
Heptachlor epoxide	ND		ug/kg	3.63	1.09	1	A
Endrin	ND		ug/kg	0.807	0.331	1	A
Endrin ketone	ND		ug/kg	1.94	0.499	1	A
Dieldrin	ND		ug/kg	1.21	0.606	1	A
4,4'-DDE	ND		ug/kg	1.94	0.448	1	A
4,4'-DDD	ND		ug/kg	1.94	0.691	1	A
4,4'-DDT	ND		ug/kg	3.63	1.56	1	A
Endosulfan I	ND		ug/kg	1.94	0.458	1	A
Endosulfan II	ND		ug/kg	1.94	0.648	1	A
Endosulfan sulfate	ND		ug/kg	0.807	0.384	1	A
Methoxychlor	ND		ug/kg	3.63	1.13	1	A
Toxaphene	ND		ug/kg	36.3	10.2	1	A
cis-Chlordane	ND		ug/kg	2.42	0.675	1	A
trans-Chlordane	ND		ug/kg	2.42	0.639	1	A
Chlordane	ND		ug/kg	15.7	6.42	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	144		30-150	B
2,4,5,6-Tetrachloro-m-xylene	107		30-150	A
Decachlorobiphenyl	121		30-150	A

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-03
Client ID: SB-4 (4-6)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/14/15 23:56
Analyst: AL
Percent Solids: 81%

Date Collected: 10/09/15 10:27
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/13/15 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/14/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.375	1	A
Lindane	ND		ug/kg	0.797	0.356	1	A
Alpha-BHC	ND		ug/kg	0.797	0.226	1	A
Beta-BHC	2.27		ug/kg	1.91	0.725	1	B
Heptachlor	ND		ug/kg	0.956	0.429	1	A
Aldrin	ND		ug/kg	1.91	0.674	1	A
Heptachlor epoxide	ND		ug/kg	3.59	1.08	1	A
Endrin	ND		ug/kg	0.797	0.327	1	A
Endrin ketone	ND		ug/kg	1.91	0.493	1	A
Dieldrin	ND		ug/kg	1.20	0.598	1	A
4,4'-DDE	ND		ug/kg	1.91	0.442	1	A
4,4'-DDD	ND		ug/kg	1.91	0.682	1	A
4,4'-DDT	ND		ug/kg	3.59	1.54	1	A
Endosulfan I	ND		ug/kg	1.91	0.452	1	A
Endosulfan II	ND		ug/kg	1.91	0.639	1	A
Endosulfan sulfate	ND		ug/kg	0.797	0.379	1	A
Methoxychlor	ND		ug/kg	3.59	1.12	1	A
Toxaphene	ND		ug/kg	35.9	10.0	1	A
cis-Chlordane	ND		ug/kg	2.39	0.666	1	A
trans-Chlordane	ND		ug/kg	2.39	0.631	1	A
Chlordane	ND		ug/kg	15.5	6.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	128		30-150	A
Decachlorobiphenyl	83		30-150	A

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-05
Client ID: SB-9 (0-2)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/15/15 00:09
Analyst: AL
Percent Solids: 87%

Date Collected: 10/09/15 12:20
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/13/15 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/14/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.751	0.336	1	A
Alpha-BHC	ND		ug/kg	0.751	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.684	1	A
Heptachlor	ND		ug/kg	0.902	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.635	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.751	0.308	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	ND		ug/kg	1.13	0.564	1	A
4,4'-DDE	ND		ug/kg	1.80	0.417	1	A
4,4'-DDD	ND		ug/kg	1.80	0.643	1	A
4,4'-DDT	ND		ug/kg	3.38	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	1.45	JPI	ug/kg	1.80	0.603	1	A
Endosulfan sulfate	ND		ug/kg	0.751	0.358	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.47	1	A
cis-Chlordane	ND		ug/kg	2.25	0.628	1	A
trans-Chlordane	ND		ug/kg	2.25	0.595	1	A
Chlordane	ND		ug/kg	14.6	5.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	126		30-150	B
2,4,5,6-Tetrachloro-m-xylene	110		30-150	A
Decachlorobiphenyl	140		30-150	A

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-07
Client ID: SB-9 (4-6)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/15/15 00:22
Analyst: AL
Percent Solids: 74%

Date Collected: 10/09/15 12:30
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/13/15 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/14/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.12	0.414	1	A
Lindane	ND		ug/kg	0.881	0.394	1	A
Alpha-BHC	ND		ug/kg	0.881	0.250	1	A
Beta-BHC	ND		ug/kg	2.12	0.802	1	A
Heptachlor	ND		ug/kg	1.06	0.474	1	A
Aldrin	ND		ug/kg	2.12	0.745	1	A
Heptachlor epoxide	ND		ug/kg	3.97	1.19	1	A
Endrin	ND		ug/kg	0.881	0.361	1	A
Endrin ketone	ND		ug/kg	2.12	0.545	1	A
Dieldrin	ND		ug/kg	1.32	0.661	1	A
4,4'-DDE	ND		ug/kg	2.12	0.489	1	A
4,4'-DDD	ND		ug/kg	2.12	0.754	1	A
4,4'-DDT	ND		ug/kg	3.97	1.70	1	A
Endosulfan I	ND		ug/kg	2.12	0.500	1	A
Endosulfan II	ND		ug/kg	2.12	0.707	1	A
Endosulfan sulfate	ND		ug/kg	0.881	0.420	1	A
Methoxychlor	6.20		ug/kg	3.97	1.23	1	B
Toxaphene	ND		ug/kg	39.7	11.1	1	A
cis-Chlordane	ND		ug/kg	2.64	0.737	1	A
trans-Chlordane	ND		ug/kg	2.64	0.698	1	A
Chlordane	ND		ug/kg	17.2	7.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	118		30-150	B
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	98		30-150	A

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-09
Client ID: SB-10 (0-2)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/15/15 22:19
Analyst: AM
Percent Solids: 84%

Date Collected: 10/09/15 13:31
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/15/15 13:43
Cleanup Method: EPA 3620B
Cleanup Date: 10/15/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.363	1	A
Lindane	ND		ug/kg	0.772	0.345	1	A
Alpha-BHC	ND		ug/kg	0.772	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.702	1	A
Heptachlor	ND		ug/kg	0.926	0.415	1	A
Aldrin	ND		ug/kg	1.85	0.652	1	A
Heptachlor epoxide	2.24	J	ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.772	0.316	1	A
Endrin ketone	ND		ug/kg	1.85	0.477	1	A
Dieldrin	ND		ug/kg	1.16	0.579	1	A
4,4'-DDE	ND		ug/kg	1.85	0.428	1	A
4,4'-DDD	ND		ug/kg	1.85	0.661	1	A
4,4'-DDT	ND		ug/kg	3.47	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.438	1	A
Endosulfan II	2.34	PI	ug/kg	1.85	0.619	1	A
Endosulfan sulfate	ND		ug/kg	0.772	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.72	1	A
cis-Chlordane	ND		ug/kg	2.32	0.645	1	A
trans-Chlordane	0.870	JPI	ug/kg	2.32	0.611	1	A
Chlordane	30.1		ug/kg	15.0	6.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	118		30-150	B
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	114		30-150	A

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-11
Client ID: SB-10 (4-6)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/15/15 01:02
Analyst: AL
Percent Solids: 84%

Date Collected: 10/09/15 13:40
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/13/15 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/14/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.766	0.342	1	A
Alpha-BHC	ND		ug/kg	0.766	0.217	1	A
Beta-BHC	ND		ug/kg	1.84	0.697	1	A
Heptachlor	ND		ug/kg	0.919	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.647	1	A
Heptachlor epoxide	ND		ug/kg	3.45	1.03	1	A
Endrin	ND		ug/kg	0.766	0.314	1	A
Endrin ketone	ND		ug/kg	1.84	0.473	1	A
Dieldrin	ND		ug/kg	1.15	0.574	1	A
4,4'-DDE	ND		ug/kg	1.84	0.425	1	A
4,4'-DDD	ND		ug/kg	1.84	0.656	1	A
4,4'-DDT	ND		ug/kg	3.45	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.434	1	A
Endosulfan II	2.73	PI	ug/kg	1.84	0.614	1	A
Endosulfan sulfate	ND		ug/kg	0.766	0.364	1	A
Methoxychlor	ND		ug/kg	3.45	1.07	1	A
Toxaphene	ND		ug/kg	34.5	9.65	1	A
cis-Chlordane	ND		ug/kg	2.30	0.640	1	A
trans-Chlordane	2.27	JPI	ug/kg	2.30	0.606	1	A
Chlordane	52.0	PI	ug/kg	14.9	6.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	138		30-150	B
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	144		30-150	A

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-13
Client ID: GW-4
Sample Location: BROOKLYN, NEW YORK
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 10/14/15 04:06
Analyst: AM

Date Collected: 10/09/15 10:55
Date Received: 10/09/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/11/15 17:22
Cleanup Method: EPA 3620B
Cleanup Date: 10/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	0.116	JPI	ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/14/15 02:48
Analyst: AM

Extraction Method: EPA 3510C
Extraction Date: 10/11/15 17:22
Cleanup Method: EPA 3620B
Cleanup Date: 10/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 13 Batch: WG829851-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	0.013	J	ug/l	0.020	0.006	A
Chlordane	0.056	J	ug/l	0.200	0.046	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	72		30-150	B



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/14/15 22:51
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 10/13/15 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/14/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,11 Batch: WG830399-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.653	0.292	A
Alpha-BHC	ND		ug/kg	0.653	0.185	A
Beta-BHC	ND		ug/kg	1.57	0.594	A
Heptachlor	ND		ug/kg	0.783	0.351	A
Aldrin	ND		ug/kg	1.57	0.552	A
Heptachlor epoxide	ND		ug/kg	2.94	0.881	A
Endrin	ND		ug/kg	0.653	0.268	A
Endrin ketone	ND		ug/kg	1.57	0.403	A
Dieldrin	ND		ug/kg	0.979	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.362	A
4,4'-DDD	ND		ug/kg	1.57	0.559	A
4,4'-DDT	ND		ug/kg	2.94	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.370	A
Endosulfan II	ND		ug/kg	1.57	0.523	A
Endosulfan sulfate	ND		ug/kg	0.653	0.311	A
Methoxychlor	ND		ug/kg	2.94	0.914	A
Toxaphene	ND		ug/kg	29.4	8.22	A
cis-Chlordane	ND		ug/kg	1.96	0.546	A
trans-Chlordane	ND		ug/kg	1.96	0.517	A
Chlordane	ND		ug/kg	12.7	5.19	A

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
Analytical Date: 10/14/15 22:51
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 10/13/15 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 10/14/15

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,11 Batch: WG830399-1					

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	103		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	104		30-150	A

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 10/15/15 21:40
 Analyst: AM

Extraction Method: EPA 3546
 Extraction Date: 10/15/15 13:43
 Cleanup Method: EPA 3620B
 Cleanup Date: 10/15/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09 Batch: WG831199-1						
Delta-BHC	ND		ug/kg	1.58	0.310	A
Lindane	ND		ug/kg	0.660	0.295	A
Alpha-BHC	ND		ug/kg	0.660	0.187	A
Beta-BHC	ND		ug/kg	1.58	0.601	A
Heptachlor	ND		ug/kg	0.792	0.355	A
Aldrin	ND		ug/kg	1.58	0.558	A
Heptachlor epoxide	ND		ug/kg	2.97	0.891	A
Endrin	ND		ug/kg	0.660	0.271	A
Endrin ketone	ND		ug/kg	1.58	0.408	A
Dieldrin	ND		ug/kg	0.990	0.495	A
4,4'-DDE	ND		ug/kg	1.58	0.366	A
4,4'-DDD	ND		ug/kg	1.58	0.565	A
4,4'-DDT	ND		ug/kg	2.97	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.374	A
Endosulfan II	ND		ug/kg	1.58	0.529	A
Endosulfan sulfate	ND		ug/kg	0.660	0.314	A
Methoxychlor	ND		ug/kg	2.97	0.924	A
Toxaphene	ND		ug/kg	29.7	8.32	A
cis-Chlordane	ND		ug/kg	1.98	0.552	A
trans-Chlordane	1.17	J	ug/kg	1.98	0.523	A
Chlordane	ND		ug/kg	12.9	5.25	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	97		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	99		30-150	A



Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 13 Batch: WG829851-2 WG829851-3									
Delta-BHC	81		89		30-150	9		20	A
Lindane	92		92		30-150	0		20	A
Alpha-BHC	94		93		30-150	0		20	A
Beta-BHC	77		77		30-150	1		20	A
Heptachlor	95		92		30-150	3		20	A
Aldrin	85		82		30-150	4		20	A
Heptachlor epoxide	78		77		30-150	1		20	A
Endrin	106		107		30-150	1		20	A
Endrin ketone	91		94		30-150	4		20	A
Dieldrin	98		98		30-150	0		20	A
4,4'-DDE	91		91		30-150	0		20	A
4,4'-DDD	111		112		30-150	1		20	A
4,4'-DDT	120		129		30-150	7		20	A
Endosulfan I	94		96		30-150	1		20	A
Endosulfan II	91		95		30-150	4		20	A
Endosulfan sulfate	68		76		30-150	12		20	A
Methoxychlor	125		131		30-150	5		20	A
cis-Chlordane	86		86		30-150	0		20	A
trans-Chlordane	88		87		30-150	1		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 13 Batch: WG829851-2 WG829851-3

<u>Surrogate</u>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	66		66		30-150	A
Decachlorobiphenyl	81		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		69		30-150	B
Decachlorobiphenyl	76		76		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,11 Batch: WG830399-2 WG830399-3									
Delta-BHC	111		103		30-150	7		30	A
Lindane	114		102		30-150	11		30	A
Alpha-BHC	124		111		30-150	11		30	A
Beta-BHC	102		96		30-150	6		30	A
Heptachlor	115		106		30-150	8		30	A
Aldrin	122		108		30-150	12		30	A
Heptachlor epoxide	112		105		30-150	6		30	A
Endrin	121		117		30-150	3		30	A
Endrin ketone	98		97		30-150	1		30	A
Dieldrin	113		109		30-150	4		30	A
4,4'-DDE	115		110		30-150	4		30	A
4,4'-DDD	115		110		30-150	4		30	A
4,4'-DDT	121		117		30-150	3		30	A
Endosulfan I	112		107		30-150	5		30	A
Endosulfan II	109		106		30-150	3		30	A
Endosulfan sulfate	88		88		30-150	0		30	A
Methoxychlor	121		123		30-150	2		30	A
cis-Chlordane	111		103		30-150	7		30	A
trans-Chlordane	114		107		30-150	6		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,11 Batch: WG830399-2 WG830399-3

<u>Surrogate</u>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	113		95		30-150	B
Decachlorobiphenyl	120		119		30-150	B
2,4,5,6-Tetrachloro-m-xylene	122		109		30-150	A
Decachlorobiphenyl	127		132		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 Batch: WG831199-2 WG831199-3									
Delta-BHC	88		100		30-150	13		30	A
Lindane	85		96		30-150	12		30	A
Alpha-BHC	96		107		30-150	11		30	A
Beta-BHC	77		90		30-150	16		30	A
Heptachlor	90		98		30-150	9		30	A
Aldrin	95		106		30-150	11		30	A
Heptachlor epoxide	88		98		30-150	11		30	A
Endrin	96		110		30-150	14		30	A
Endrin ketone	81		94		30-150	15		30	A
Dieldrin	104		119		30-150	13		30	A
4,4'-DDE	96		110		30-150	14		30	A
4,4'-DDD	92		105		30-150	13		30	A
4,4'-DDT	102		115		30-150	12		30	A
Endosulfan I	91		102		30-150	11		30	A
Endosulfan II	92		105		30-150	13		30	A
Endosulfan sulfate	76		86		30-150	12		30	A
Methoxychlor	99		106		30-150	7		30	A
cis-Chlordane	89		102		30-150	14		30	A
trans-Chlordane	88		106		30-150	19		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 Batch: WG831199-2 WG831199-3

<u>Surrogate</u>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	78		83		30-150	B
Decachlorobiphenyl	98		103		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		94		30-150	A
Decachlorobiphenyl	99		109		30-150	A

METALS

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-01
 Client ID: SB-4 (0-2)
 Sample Location: BROOKLYN, NEW YORK
 Matrix: Soil
 Percent Solids: 80%

Date Collected: 10/09/15 10:20
 Date Received: 10/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6600		mg/kg	9.6	1.9	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Antimony, Total	3.5	J	mg/kg	4.8	0.77	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Arsenic, Total	6.0		mg/kg	0.96	0.19	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Barium, Total	110		mg/kg	0.96	0.29	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Beryllium, Total	0.31	J	mg/kg	0.48	0.10	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.96	0.07	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Calcium, Total	7300		mg/kg	9.6	2.9	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.96	0.19	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Cobalt, Total	5.8		mg/kg	1.9	0.48	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Copper, Total	50		mg/kg	0.96	0.19	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Iron, Total	20000		mg/kg	4.8	1.9	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Lead, Total	230		mg/kg	4.8	0.19	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Magnesium, Total	2200		mg/kg	9.6	0.96	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Manganese, Total	180		mg/kg	0.96	0.19	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Mercury, Total	1.4		mg/kg	0.08	0.02	1	10/13/15 07:50	10/13/15 13:46	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	2.4	0.38	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Potassium, Total	650		mg/kg	240	38.	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Selenium, Total	5.2		mg/kg	1.9	0.29	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.96	0.19	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Sodium, Total	320		mg/kg	190	29.	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.96	0.10	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT
Zinc, Total	180		mg/kg	4.8	0.67	2	10/10/15 07:54	10/14/15 04:22	EPA 3050B	1,6010C	TT



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-03
 Client ID: SB-4 (4-6)
 Sample Location: BROOKLYN, NEW YORK
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 10/09/15 10:27
 Date Received: 10/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7800		mg/kg	9.3	1.8	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Antimony, Total	1.0	J	mg/kg	4.6	0.74	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Arsenic, Total	7.0		mg/kg	0.93	0.18	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Barium, Total	72		mg/kg	0.93	0.28	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Beryllium, Total	0.42	J	mg/kg	0.46	0.09	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.93	0.07	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Calcium, Total	6600		mg/kg	9.3	2.8	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Chromium, Total	13		mg/kg	0.93	0.18	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Cobalt, Total	6.4		mg/kg	1.8	0.46	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Copper, Total	21		mg/kg	0.93	0.18	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Iron, Total	16000		mg/kg	4.6	1.8	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Lead, Total	46		mg/kg	4.6	0.18	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Magnesium, Total	1300		mg/kg	9.3	0.93	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Manganese, Total	340		mg/kg	0.93	0.18	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Mercury, Total	0.16		mg/kg	0.08	0.02	1	10/13/15 07:50	10/13/15 13:48	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	2.3	0.37	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Potassium, Total	630		mg/kg	230	37.	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.93	0.18	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Sodium, Total	350		mg/kg	180	28.	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Vanadium, Total	26		mg/kg	0.93	0.09	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT
Zinc, Total	92		mg/kg	4.6	0.65	2	10/10/15 07:54	10/14/15 05:29	EPA 3050B	1,6010C	TT



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-05
 Client ID: SB-9 (0-2)
 Sample Location: BROOKLYN, NEW YORK
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 10/09/15 12:20
 Date Received: 10/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9600		mg/kg	9.0	1.8	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Antimony, Total	1.3	J	mg/kg	4.5	0.72	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Arsenic, Total	2.3		mg/kg	0.90	0.18	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Barium, Total	71		mg/kg	0.90	0.27	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Beryllium, Total	0.42	J	mg/kg	0.45	0.09	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.90	0.06	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Calcium, Total	1800		mg/kg	9.0	2.7	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Chromium, Total	18		mg/kg	0.90	0.18	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Cobalt, Total	7.4		mg/kg	1.8	0.45	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Copper, Total	47		mg/kg	0.90	0.18	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Iron, Total	23000		mg/kg	4.5	1.8	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Lead, Total	130		mg/kg	4.5	0.18	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Magnesium, Total	2000		mg/kg	9.0	0.90	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Manganese, Total	540		mg/kg	0.90	0.18	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Mercury, Total	0.92		mg/kg	0.08	0.02	1	10/13/15 07:50	10/13/15 13:50	EPA 7471B	1,7471B	DB
Nickel, Total	12		mg/kg	2.2	0.36	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Potassium, Total	760		mg/kg	220	36.	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Selenium, Total	0.27	J	mg/kg	1.8	0.27	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.90	0.18	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Sodium, Total	440		mg/kg	180	27.	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Vanadium, Total	26		mg/kg	0.90	0.09	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT
Zinc, Total	140		mg/kg	4.5	0.63	2	10/10/15 07:54	10/14/15 05:57	EPA 3050B	1,6010C	TT



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-07
 Client ID: SB-9 (4-6)
 Sample Location: BROOKLYN, NEW YORK
 Matrix: Soil
 Percent Solids: 74%

Date Collected: 10/09/15 12:30
 Date Received: 10/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6400		mg/kg	10	2.1	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Antimony, Total	4.8	J	mg/kg	5.2	0.83	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Arsenic, Total	21		mg/kg	1.0	0.21	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Barium, Total	340		mg/kg	1.0	0.31	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Beryllium, Total	0.54		mg/kg	0.52	0.10	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Cadmium, Total	0.62	J	mg/kg	1.0	0.07	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Calcium, Total	12000		mg/kg	10	3.1	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Chromium, Total	23		mg/kg	1.0	0.21	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Cobalt, Total	6.8		mg/kg	2.1	0.52	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Copper, Total	110		mg/kg	1.0	0.21	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Iron, Total	14000		mg/kg	5.2	2.1	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Lead, Total	14000		mg/kg	5.2	0.21	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Magnesium, Total	840		mg/kg	10	1.0	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Manganese, Total	160		mg/kg	1.0	0.21	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Mercury, Total	2.7		mg/kg	0.09	0.02	1	10/13/15 07:50	10/13/15 13:52	EPA 7471B	1,7471B	DB
Nickel, Total	14		mg/kg	2.6	0.41	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Potassium, Total	780		mg/kg	260	41.	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Selenium, Total	2.5		mg/kg	2.1	0.31	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Silver, Total	0.42	J	mg/kg	1.0	0.21	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Sodium, Total	460		mg/kg	210	31.	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	2.1	0.41	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Vanadium, Total	28		mg/kg	1.0	0.10	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT
Zinc, Total	520		mg/kg	5.2	0.72	2	10/10/15 07:54	10/14/15 06:01	EPA 3050B	1,6010C	TT



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-09
 Client ID: SB-10 (0-2)
 Sample Location: BROOKLYN, NEW YORK
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 10/09/15 13:31
 Date Received: 10/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5800		mg/kg	9.4	1.9	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Antimony, Total	2.2	J	mg/kg	4.7	0.76	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Arsenic, Total	15		mg/kg	0.94	0.19	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Barium, Total	220		mg/kg	0.94	0.28	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Beryllium, Total	0.27	J	mg/kg	0.47	0.09	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Cadmium, Total	0.65	J	mg/kg	0.94	0.07	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Calcium, Total	2000		mg/kg	9.4	2.8	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Chromium, Total	18		mg/kg	0.94	0.19	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Cobalt, Total	4.8		mg/kg	1.9	0.47	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Copper, Total	220		mg/kg	0.94	0.19	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Iron, Total	22000		mg/kg	4.7	1.9	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Lead, Total	560		mg/kg	4.7	0.19	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Magnesium, Total	1200		mg/kg	9.4	0.94	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Manganese, Total	110		mg/kg	0.94	0.19	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Mercury, Total	1.5		mg/kg	0.08	0.02	1	10/13/15 07:50	10/13/15 13:54	EPA 7471B	1,7471B	DB
Nickel, Total	19		mg/kg	2.4	0.38	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Potassium, Total	690		mg/kg	240	38.	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Selenium, Total	0.87	J	mg/kg	1.9	0.28	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.94	0.19	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Sodium, Total	130	J	mg/kg	190	28.	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Vanadium, Total	16		mg/kg	0.94	0.09	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT
Zinc, Total	420		mg/kg	4.7	0.66	2	10/10/15 07:54	10/14/15 06:04	EPA 3050B	1,6010C	TT



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-11
Client ID: SB-10 (4-6)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil
Percent Solids: 84%

Date Collected: 10/09/15 13:40
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7300		mg/kg	9.1	1.8	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Antimony, Total	1.7	J	mg/kg	4.6	0.73	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Arsenic, Total	28		mg/kg	0.91	0.18	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Barium, Total	140		mg/kg	0.91	0.27	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Beryllium, Total	0.48		mg/kg	0.46	0.09	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Cadmium, Total	1.1		mg/kg	0.91	0.06	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Calcium, Total	12000		mg/kg	9.1	2.7	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.91	0.18	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Cobalt, Total	9.8		mg/kg	1.8	0.46	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Copper, Total	140		mg/kg	0.91	0.18	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Iron, Total	17000		mg/kg	4.6	1.8	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Lead, Total	930		mg/kg	4.6	0.18	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Magnesium, Total	1200		mg/kg	9.1	0.91	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Manganese, Total	170		mg/kg	0.91	0.18	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Mercury, Total	1.2		mg/kg	0.08	0.02	1	10/13/15 07:50	10/13/15 13:56	EPA 7471B	1,7471B	DB
Nickel, Total	30		mg/kg	2.3	0.36	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Potassium, Total	640		mg/kg	230	36.	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Selenium, Total	0.56	J	mg/kg	1.8	0.27	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.91	0.18	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Sodium, Total	180		mg/kg	180	27.	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Vanadium, Total	22		mg/kg	0.91	0.09	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT
Zinc, Total	1200		mg/kg	4.6	0.64	2	10/10/15 07:54	10/13/15 20:51	EPA 3050B	1,6010C	TT



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-13
Client ID: GW-4
Sample Location: BROOKLYN, NEW YORK
Matrix: Water

Date Collected: 10/09/15 10:55
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	1.48		mg/l	0.200	0.0338	20	10/12/15 12:49	10/12/15 14:16	EPA 3005A	1,6020A	KL
Antimony, Total	0.00036	J	mg/l	0.00200	0.00006	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Arsenic, Total	0.00107		mg/l	0.00050	0.00012	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Barium, Total	0.2272		mg/l	0.00050	0.00006	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Beryllium, Total	ND		mg/l	0.00050	0.00015	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Calcium, Total	266.		mg/l	2.00	0.640	20	10/12/15 12:49	10/12/15 14:16	EPA 3005A	1,6020A	KL
Chromium, Total	0.00637		mg/l	0.00300	0.00025	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Cobalt, Total	0.00974		mg/l	0.00020	0.00006	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Copper, Total	0.00468		mg/l	0.00100	0.00026	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Iron, Total	5.80		mg/l	0.0500	0.0120	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Lead, Total	0.00918		mg/l	0.00100	0.00012	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Magnesium, Total	27.8		mg/l	0.0700	0.0223	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Manganese, Total	7.602		mg/l	0.02000	0.00604	20	10/12/15 12:49	10/12/15 14:16	EPA 3005A	1,6020A	KL
Mercury, Total	0.00008	J	mg/l	0.00020	0.00006	1	10/13/15 10:10	10/13/15 20:16	EPA 7470A	1,7470A	EF
Nickel, Total	0.00740		mg/l	0.00200	0.00008	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Potassium, Total	28.0		mg/l	0.100	0.0193	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Selenium, Total	ND		mg/l	0.00500	0.00100	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Silver, Total	ND		mg/l	0.00040	0.00007	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Sodium, Total	141.		mg/l	2.00	0.322	20	10/12/15 12:49	10/12/15 14:16	EPA 3005A	1,6020A	KL
Thallium, Total	0.00035	J	mg/l	0.00050	0.00005	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Vanadium, Total	0.00316	J	mg/l	0.00500	0.00055	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL
Zinc, Total	0.01055		mg/l	0.01000	0.00256	1	10/12/15 12:49	10/12/15 14:20	EPA 3005A	1,6020A	KL

Dissolved Metals - Westborough Lab

Aluminum, Dissolved	0.00837	J	mg/l	0.0100	0.00169	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Antimony, Dissolved	0.00068	J	mg/l	0.00200	0.00006	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Arsenic, Dissolved	0.00043	J	mg/l	0.00050	0.00012	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Barium, Dissolved	0.2251		mg/l	0.00050	0.00006	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00015	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-13
Client ID: GW-4
Sample Location: BROOKLYN, NEW YORK
Matrix: Water

Date Collected: 10/09/15 10:55
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	264.		mg/l	2.00	0.640	20	10/12/15 14:05	10/14/15 08:53	EPA 3005A	1,6020A	KL
Chromium, Dissolved	0.00040	J	mg/l	0.00200	0.00025	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Cobalt, Dissolved	0.00860		mg/l	0.00020	0.00006	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Copper, Dissolved	0.00106		mg/l	0.00100	0.00026	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Iron, Dissolved	2.58		mg/l	0.0500	0.0120	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Lead, Dissolved	0.00012	J	mg/l	0.00100	0.00012	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Magnesium, Dissolved	28.7		mg/l	0.0700	0.0223	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Manganese, Dissolved	7.066		mg/l	0.02000	0.00604	20	10/12/15 14:05	10/14/15 08:53	EPA 3005A	1,6020A	KL
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/12/15 14:04	10/12/15 21:51	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00363		mg/l	0.00100	0.00008	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Potassium, Dissolved	28.7		mg/l	0.100	0.0193	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Selenium, Dissolved	ND		mg/l	0.00500	0.00100	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Silver, Dissolved	ND		mg/l	0.00040	0.00007	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Sodium, Dissolved	122.		mg/l	2.00	0.322	20	10/12/15 14:05	10/14/15 08:53	EPA 3005A	1,6020A	KL
Thallium, Dissolved	0.00033	J	mg/l	0.00050	0.00005	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00055	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL
Zinc, Dissolved	0.00424	J	mg/l	0.01000	0.00256	1	10/12/15 14:05	10/14/15 08:57	EPA 3005A	1,6020A	KL



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG829660-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Antimony, Total	0.51	J	mg/kg	2.0	0.32	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.40	0.08	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Barium, Total	ND		mg/kg	0.40	0.12	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Beryllium, Total	ND		mg/kg	0.20	0.04	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.40	0.03	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Calcium, Total	ND		mg/kg	4.0	1.2	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Chromium, Total	ND		mg/kg	0.40	0.08	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Cobalt, Total	ND		mg/kg	0.80	0.20	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Copper, Total	ND		mg/kg	0.40	0.08	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Iron, Total	ND		mg/kg	2.0	0.80	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Lead, Total	ND		mg/kg	2.0	0.08	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Magnesium, Total	ND		mg/kg	4.0	0.40	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Manganese, Total	ND		mg/kg	0.40	0.08	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Nickel, Total	ND		mg/kg	1.0	0.16	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Potassium, Total	ND		mg/kg	100	16.	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Selenium, Total	ND		mg/kg	0.80	0.12	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Silver, Total	ND		mg/kg	0.40	0.08	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Sodium, Total	ND		mg/kg	80	12.	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Thallium, Total	ND		mg/kg	0.80	0.16	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Vanadium, Total	ND		mg/kg	0.40	0.04	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT
Zinc, Total	ND		mg/kg	2.0	0.28	1	10/10/15 07:54	10/13/15 20:27	1,6010C	TT

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 13 Batch: WG829898-1										
Aluminum, Total	ND		mg/l	0.0100	0.00169	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Antimony, Total	0.00019	J	mg/l	0.00200	0.00006	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Arsenic, Total	ND		mg/l	0.00050	0.00012	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Barium, Total	ND		mg/l	0.00050	0.00006	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis Batch Quality Control

Beryllium, Total	ND		mg/l	0.00050	0.00015	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Calcium, Total	ND		mg/l	0.100	0.0320	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Chromium, Total	0.00205	J	mg/l	0.00300	0.00025	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Cobalt, Total	ND		mg/l	0.00020	0.00006	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Copper, Total	ND		mg/l	0.00100	0.00026	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Iron, Total	ND		mg/l	0.0500	0.0120	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Lead, Total	ND		mg/l	0.00100	0.00012	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Magnesium, Total	ND		mg/l	0.0700	0.0223	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Manganese, Total	ND		mg/l	0.00100	0.00030	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Nickel, Total	0.00110	J	mg/l	0.00200	0.00008	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Potassium, Total	ND		mg/l	0.100	0.0193	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Selenium, Total	ND		mg/l	0.00500	0.00100	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Silver, Total	0.00011	J	mg/l	0.00040	0.00007	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Sodium, Total	ND		mg/l	0.100	0.0161	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Thallium, Total	ND		mg/l	0.00050	0.00005	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Vanadium, Total	ND		mg/l	0.00500	0.00055	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL
Zinc, Total	ND		mg/l	0.01000	0.00256	1	10/12/15 12:49	10/12/15 14:01	1,6020A	KL

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 13 Batch: WG830030-1										
Aluminum, Dissolved	0.00343	J	mg/l	0.0100	0.00169	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Antimony, Dissolved	0.00065	J	mg/l	0.00200	0.00006	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Arsenic, Dissolved	ND		mg/l	0.00050	0.00012	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Barium, Dissolved	0.00030	J	mg/l	0.00050	0.00006	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00015	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Calcium, Dissolved	0.0339	J	mg/l	0.100	0.0320	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Chromium, Dissolved	0.00150	J	mg/l	0.00200	0.00025	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Cobalt, Dissolved	ND		mg/l	0.00020	0.00006	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Copper, Dissolved	0.00034	J	mg/l	0.00100	0.00026	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Iron, Dissolved	0.0241	J	mg/l	0.0500	0.0120	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Method Blank Analysis Batch Quality Control

Lead, Dissolved	ND		mg/l	0.00100	0.00012	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Magnesium, Dissolved	ND		mg/l	0.0700	0.0223	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Manganese, Dissolved	0.00041	J	mg/l	0.00100	0.00030	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Nickel, Dissolved	0.00083	J	mg/l	0.00100	0.00008	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Potassium, Dissolved	ND		mg/l	0.100	0.0193	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Selenium, Dissolved	ND		mg/l	0.00500	0.00100	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Silver, Dissolved	ND		mg/l	0.00040	0.00007	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Sodium, Dissolved	0.0522	J	mg/l	0.100	0.0161	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Thallium, Dissolved	0.00005	J	mg/l	0.00050	0.00005	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00055	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL
Zinc, Dissolved	0.01561		mg/l	0.01000	0.00256	1	10/12/15 14:05	10/14/15 08:38	1,6020A	KL

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 13 Batch: WG830034-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/12/15 14:04	10/12/15 21:47	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG830193-1										
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	10/13/15 07:50	10/13/15 12:42	1,7471B	DB

Prep Information

Digestion Method: EPA 7471B



Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 13 Batch: WG830322-1									
Mercury, Total	ND	mg/l	0.00020	0.00006	1	10/13/15 10:10	10/13/15 20:07	1,7470A	EF

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG829660-2 SRM Lot Number: D088-540								
Aluminum, Total	88		-		48-151	-		
Antimony, Total	150		-		1-208	-		
Arsenic, Total	96		-		79-121	-		
Barium, Total	94		-		83-117	-		
Beryllium, Total	93		-		83-117	-		
Cadmium, Total	92		-		83-117	-		
Calcium, Total	85		-		81-119	-		
Chromium, Total	92		-		80-120	-		
Cobalt, Total	92		-		84-115	-		
Copper, Total	98		-		81-118	-		
Iron, Total	89		-		45-155	-		
Lead, Total	86		-		81-117	-		
Magnesium, Total	88		-		76-124	-		
Manganese, Total	93		-		81-118	-		
Nickel, Total	93		-		83-117	-		
Potassium, Total	93		-		71-129	-		
Selenium, Total	97		-		78-122	-		
Silver, Total	96		-		75-124	-		
Sodium, Total	92		-		72-127	-		
Thallium, Total	90		-		80-120	-		
Vanadium, Total	92		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG829660-2 SRM Lot Number: D088-540					
Zinc, Total	92	-	82-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 13 Batch: WG829898-2					
Aluminum, Total	96	-	80-120	-	
Antimony, Total	87	-	80-120	-	
Arsenic, Total	98	-	80-120	-	
Barium, Total	96	-	80-120	-	
Beryllium, Total	101	-	80-120	-	
Cadmium, Total	110	-	80-120	-	
Calcium, Total	98	-	80-120	-	
Chromium, Total	93	-	80-120	-	
Cobalt, Total	102	-	80-120	-	
Copper, Total	103	-	80-120	-	
Iron, Total	84	-	80-120	-	
Lead, Total	92	-	80-120	-	
Magnesium, Total	101	-	80-120	-	
Manganese, Total	107	-	80-120	-	
Nickel, Total	103	-	80-120	-	
Potassium, Total	96	-	80-120	-	
Selenium, Total	105	-	80-120	-	
Silver, Total	94	-	80-120	-	
Sodium, Total	99	-	80-120	-	
Thallium, Total	96	-	80-120	-	
Vanadium, Total	104	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 13 Batch: WG829898-2					
Zinc, Total	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 13 Batch: WG830030-2					
Aluminum, Dissolved	92	-	80-120	-	
Antimony, Dissolved	86	-	80-120	-	
Arsenic, Dissolved	98	-	80-120	-	
Barium, Dissolved	98	-	80-120	-	
Beryllium, Dissolved	97	-	80-120	-	
Cadmium, Dissolved	113	-	80-120	-	
Calcium, Dissolved	101	-	80-120	-	
Chromium, Dissolved	95	-	80-120	-	
Cobalt, Dissolved	96	-	80-120	-	
Copper, Dissolved	98	-	80-120	-	
Iron, Dissolved	89	-	80-120	-	
Lead, Dissolved	101	-	80-120	-	
Magnesium, Dissolved	101	-	80-120	-	
Manganese, Dissolved	97	-	80-120	-	
Nickel, Dissolved	100	-	80-120	-	
Potassium, Dissolved	98	-	80-120	-	
Selenium, Dissolved	124	Q	80-120	-	
Silver, Dissolved	93	-	80-120	-	
Sodium, Dissolved	102	-	80-120	-	
Thallium, Dissolved	97	-	80-120	-	
Vanadium, Dissolved	96	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 13 Batch: WG830030-2					
Zinc, Dissolved	102	-	80-120	-	
Dissolved Metals - Westborough Lab Associated sample(s): 13 Batch: WG830034-2					
Mercury, Dissolved	109	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG830193-2 SRM Lot Number: D088-540					
Mercury, Total	107	-	72-128	-	
Total Metals - Westborough Lab Associated sample(s): 13 Batch: WG830322-2					
Mercury, Total	114	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG829660-4 QC Sample: L1525736-11 Client ID: SB-10 (4-6)												
Aluminum, Total	7300	178	9200	1070	Q	-	-		75-125	-		20
Antimony, Total	1.7J	44.4	35	79		-	-		75-125	-		20
Arsenic, Total	28.	10.6	37	84		-	-		75-125	-		20
Barium, Total	140	178	280	79		-	-		75-125	-		20
Beryllium, Total	0.48	4.44	4.3	86		-	-		75-125	-		20
Cadmium, Total	1.1	4.53	5.0	86		-	-		75-125	-		20
Calcium, Total	12000	888	14000	225	Q	-	-		75-125	-		20
Chromium, Total	16.	17.8	34	101		-	-		75-125	-		20
Cobalt, Total	9.8	44.4	45	79		-	-		75-125	-		20
Copper, Total	140	22.2	180	180	Q	-	-		75-125	-		20
Iron, Total	17000	88.8	23000	6760	Q	-	-		75-125	-		20
Lead, Total	930	45.3	660	0	Q	-	-		75-125	-		20
Magnesium, Total	1200	888	2100	101		-	-		75-125	-		20
Manganese, Total	170	44.4	180	22	Q	-	-		75-125	-		20
Nickel, Total	30.	44.4	65	79		-	-		75-125	-		20
Potassium, Total	640	888	1500	97		-	-		75-125	-		20
Selenium, Total	0.56J	10.6	9.9	93		-	-		75-125	-		20
Silver, Total	ND	26.6	24	90		-	-		75-125	-		20
Sodium, Total	180	888	990	111		-	-		75-125	-		20
Thallium, Total	ND	10.6	8.6	81		-	-		75-125	-		20
Vanadium, Total	22.	44.4	61	88		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG829660-4 QC Sample: L1525736-11 Client ID: SB-10 (4-6)									
Zinc, Total	1200	44.4	1100	0	Q	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 13 QC Batch ID: WG829898-4 QC Sample: L1525736-13 Client ID: GW-4									
Aluminum, Total	1.48	2	3.77	114	-	-	75-125	-	20
Antimony, Total	0.00036J	0.5	0.5068	101	-	-	75-125	-	20
Arsenic, Total	0.00107	0.12	0.1282	106	-	-	75-125	-	20
Barium, Total	0.2272	2	2.262	102	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05484	110	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.05128	100	-	-	75-125	-	20
Calcium, Total	266.	10	290	240	Q	-	75-125	-	20
Chromium, Total	0.00637	0.2	0.1980	96	-	-	75-125	-	20
Cobalt, Total	0.00974	0.5	0.5402	106	-	-	75-125	-	20
Copper, Total	0.00468	0.25	0.2658	104	-	-	75-125	-	20
Iron, Total	5.80	1	6.93	113	-	-	75-125	-	20
Lead, Total	0.00918	0.51	0.5190	100	-	-	75-125	-	20
Magnesium, Total	27.8	10	42.8	150	Q	-	75-125	-	20
Manganese, Total	7.602	0.5	8.242	128	Q	-	75-125	-	20
Nickel, Total	0.00740	0.5	0.5582	110	-	-	75-125	-	20
Potassium, Total	28.0	10	42.5	145	Q	-	75-125	-	20
Selenium, Total	ND	0.12	0.143	119	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05388	108	-	-	75-125	-	20
Sodium, Total	141.	10	141	0	Q	-	75-125	-	20
Thallium, Total	0.00035J	0.12	0.1272	106	-	-	75-125	-	20
Vanadium, Total	0.00316J	0.5	0.5674	113	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 13 QC Batch ID: WG829898-4 QC Sample: L1525736-13 Client ID: GW-4									
Zinc, Total	0.01055	0.5	0.5404	106	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 13 QC Batch ID: WG830030-4 QC Sample: L1525736-13 Client ID: GW-4									
Aluminum, Dissolved	0.00837J	2	2.10	105	-	-	75-125	-	20
Antimony, Dissolved	0.00068J	0.5	0.5374	107	-	-	75-125	-	20
Arsenic, Dissolved	0.00043J	0.12	0.1474	123	-	-	75-125	-	20
Barium, Dissolved	0.2251	2	2.372	107	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05414	108	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.05820	114	-	-	75-125	-	20
Calcium, Dissolved	264.	10	285	210	Q	-	75-125	-	20
Chromium, Dissolved	0.00040J	0.2	0.2034	102	-	-	75-125	-	20
Cobalt, Dissolved	0.00860	0.5	0.5516	108	-	-	75-125	-	20
Copper, Dissolved	0.00106	0.25	0.2840	113	-	-	75-125	-	20
Iron, Dissolved	2.58	1	3.86	128	Q	-	75-125	-	20
Lead, Dissolved	0.00012J	0.51	0.5720	112	-	-	75-125	-	20
Magnesium, Dissolved	28.7	10	42.2	135	Q	-	75-125	-	20
Manganese, Dissolved	7.066	0.5	7.910	169	Q	-	75-125	-	20
Nickel, Dissolved	0.00363	0.5	0.5716	114	-	-	75-125	-	20
Potassium, Dissolved	28.7	10	42.3	136	Q	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.165	138	Q	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.04852	97	-	-	75-125	-	20
Sodium, Dissolved	122.	10	139	170	Q	-	75-125	-	20
Thallium, Dissolved	0.00033J	0.12	0.1307	109	-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.5082	102	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 13 QC Batch ID: WG830030-4 QC Sample: L1525736-13 Client ID: GW-4									
Zinc, Dissolved	0.00424J	0.5	0.5870	117	-	-	75-125	-	20
Dissolved Metals - Westborough Lab Associated sample(s): 13 QC Batch ID: WG830034-4 QC Sample: L1525736-13 Client ID: GW-4									
Mercury, Dissolved	ND	0.005	0.00500	100	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG830193-4 QC Sample: L1525813-01 Client ID: MS Sample									
Mercury, Total	0.03J	0.171	0.22	129	Q	-	80-120	-	20
Total Metals - Westborough Lab Associated sample(s): 13 QC Batch ID: WG830322-4 QC Sample: L1525721-02 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00519	104	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG829660-3 QC Sample: L1525736-11 Client ID: SB-10 (4-6)						
Aluminum, Total	7300	7800	mg/kg	7		20
Antimony, Total	1.7J	1.1J	mg/kg	NC		20
Arsenic, Total	28.	34	mg/kg	19		20
Barium, Total	140	150	mg/kg	7		20
Beryllium, Total	0.48	0.38J	mg/kg	NC		20
Cadmium, Total	1.1	0.93	mg/kg	17		20
Calcium, Total	12000	9200	mg/kg	26	Q	20
Chromium, Total	16.	19	mg/kg	17		20
Cobalt, Total	9.8	9.8	mg/kg	0		20
Copper, Total	140	130	mg/kg	7		20
Iron, Total	17000	21000	mg/kg	21	Q	20
Lead, Total	930	860	mg/kg	8		20
Magnesium, Total	1200	1500	mg/kg	22	Q	20
Manganese, Total	170	170	mg/kg	0		20
Nickel, Total	30.	27	mg/kg	11		20
Potassium, Total	640	740	mg/kg	14		20
Selenium, Total	0.56J	0.72J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	180	160J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG829660-3 QC Sample: L1525736-11 Client ID: SB-10 (4-6)					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	22.	23	mg/kg	4	20
Zinc, Total	1200	1000	mg/kg	18	20
Total Metals - Westborough Lab Associated sample(s): 13 QC Batch ID: WG829898-3 QC Sample: L1525736-13 Client ID: GW-4					
Aluminum, Total	1.48	1.46	mg/l	1	20
Calcium, Total	266.	278	mg/l	4	20
Manganese, Total	7.602	7.504	mg/l	1	20
Sodium, Total	141.	130	mg/l	8	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 13 QC Batch ID: WG829898-3 QC Sample: L1525736-13 Client ID: GW-4					
Antimony, Total	0.00036J	0.00024J	mg/l	NC	20
Arsenic, Total	0.00107	0.00082	mg/l	26 Q	20
Barium, Total	0.2272	0.2327	mg/l	2	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Chromium, Total	0.00637	0.00706	mg/l	10	20
Cobalt, Total	0.00974	0.01053	mg/l	8	20
Copper, Total	0.00468	0.00552	mg/l	17	20
Iron, Total	5.80	5.81	mg/l	0	20
Lead, Total	0.00918	0.00942	mg/l	3	20
Magnesium, Total	27.8	28.4	mg/l	2	20
Nickel, Total	0.00740	0.00776	mg/l	5	20
Potassium, Total	28.0	28.6	mg/l	2	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Thallium, Total	0.00035J	0.00038J	mg/l	NC	20
Vanadium, Total	0.00316J	0.00388J	mg/l	NC	20
Zinc, Total	0.01055	0.01073	mg/l	2	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 13 QC Batch ID: WG830030-3 QC Sample: L1525736-13 Client ID: GW-4					
Calcium, Dissolved	264.	315	mg/l	18	20
Manganese, Dissolved	7.066	8.312	mg/l	16	20
Sodium, Dissolved	122.	144	mg/l	17	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 13 QC Batch ID: WG830030-3 QC Sample: L1525736-13 Client ID: GW-4					
Aluminum, Dissolved	0.00837J	0.00783J	mg/l	NC	20
Antimony, Dissolved	0.00068J	0.00073J	mg/l	NC	20
Arsenic, Dissolved	0.00043J	0.00030J	mg/l	NC	20
Barium, Dissolved	0.2251	0.2098	mg/l	7	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Chromium, Dissolved	0.00040J	0.00120J	mg/l	NC	20
Cobalt, Dissolved	0.00860	0.00779	mg/l	10	20
Copper, Dissolved	0.00106	0.00079J	mg/l	NC	20
Iron, Dissolved	2.58	2.46	mg/l	5	20
Lead, Dissolved	0.00012J	0.00014J	mg/l	NC	20
Magnesium, Dissolved	28.7	26.7	mg/l	7	20
Nickel, Dissolved	0.00363	0.00415	mg/l	13	20
Potassium, Dissolved	28.7	27.2	mg/l	5	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Thallium, Dissolved	0.00033J	0.00030J	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	0.00424J	0.00422J	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 13 QC Batch ID: WG830034-3 QC Sample: L1525736-13 Client ID: GW-4					
Mercury, Dissolved	ND	ND	mg/l	NC	20
Total Metals - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG830193-3 QC Sample: L1525813-01 Client ID: DUP Sample					
Mercury, Total	0.03J	0.02J	mg/kg	NC	20
Total Metals - Westborough Lab Associated sample(s): 13 QC Batch ID: WG830322-3 QC Sample: L1525721-02 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS**

Lab ID: L1525736-01
Client ID: SB-4 (0-2)
Sample Location: BROOKLYN, NEW YORK
Matrix: Soil

Date Collected: 10/09/15 10:20
Date Received: 10/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.7		%	0.100	NA	1	-	10/12/15 10:43	30,2540G	RI



Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS****Lab ID:** L1525736-02**Date Collected:** 10/09/15 10:15**Client ID:** SB-4 (1-2)G**Date Received:** 10/09/15**Sample Location:** BROOKLYN, NEW YORK**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	10/12/15 12:22	30,2540G	RI



Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS****Lab ID:** L1525736-03**Date Collected:** 10/09/15 10:27**Client ID:** SB-4 (4-6)**Date Received:** 10/09/15**Sample Location:** BROOKLYN, NEW YORK**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.2		%	0.100	NA	1	-	10/12/15 10:43	30,2540G	RI



Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS****Lab ID:** L1525736-04**Date Collected:** 10/09/15 10:23**Client ID:** SB-4 (4-5)G**Date Received:** 10/09/15**Sample Location:** BROOKLYN, NEW YORK**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	10/12/15 12:22	30,2540G	RI



Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS****Lab ID:** L1525736-05**Date Collected:** 10/09/15 12:20**Client ID:** SB-9 (0-2)**Date Received:** 10/09/15**Sample Location:** BROOKLYN, NEW YORK**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	10/12/15 10:43	30,2540G	RI



Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS****Lab ID:** L1525736-06**Date Collected:** 10/09/15 12:15**Client ID:** SB-9 (1-2)G**Date Received:** 10/09/15**Sample Location:** BROOKLYN, NEW YORK**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	10/12/15 12:22	30,2540G	RI



Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS****Lab ID:** L1525736-07**Date Collected:** 10/09/15 12:30**Client ID:** SB-9 (4-6)**Date Received:** 10/09/15**Sample Location:** BROOKLYN, NEW YORK**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.4		%	0.100	NA	1	-	10/12/15 10:43	30,2540G	RI



Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS****Lab ID:** L1525736-08**Date Collected:** 10/09/15 12:25**Client ID:** SB-9 (4-5)G**Date Received:** 10/09/15**Sample Location:** BROOKLYN, NEW YORK**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	10/12/15 12:22	30,2540G	RI



Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS****Lab ID:** L1525736-09**Date Collected:** 10/09/15 13:31**Client ID:** SB-10 (0-2)**Date Received:** 10/09/15**Sample Location:** BROOKLYN, NEW YORK**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	10/12/15 10:43	30,2540G	RI



Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS****Lab ID:** L1525736-10**Date Collected:** 10/09/15 13:29**Client ID:** SB-10 (1-2)G**Date Received:** 10/09/15**Sample Location:** BROOKLYN, NEW YORK**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	10/12/15 12:22	30,2540G	RI



Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

SAMPLE RESULTS

Lab ID: L1525736-11
 Client ID: SB-10 (4-6)
 Sample Location: BROOKLYN, NEW YORK
 Matrix: Soil

Date Collected: 10/09/15 13:40
 Date Received: 10/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	10/12/15 10:43	30,2540G	RI



Project Name: 470 MANHATTAN AVENUE**Lab Number:** L1525736**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS****Lab ID:** L1525736-12**Date Collected:** 10/09/15 13:35**Client ID:** SB-10 (4-5)G**Date Received:** 10/09/15**Sample Location:** BROOKLYN, NEW YORK**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	10/12/15 12:22	30,2540G	RI



Lab Duplicate Analysis
Batch Quality Control

Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG829951-1 QC Sample: L1525741-12 Client ID: DUP Sample						
Solids, Total	83.3	81.9	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 02,04,06,08,10,12 QC Batch ID: WG829994-1 QC Sample: L1525660-04 Client ID: DUP Sample						
Solids, Total	87.1	86.4	%	1		20



Project Name: 470 MANHATTAN AVENUE

Lab Number: L1525736

Project Number: 12306

Report Date: 10/16/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 10/10/2015 04:28

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1525736-01A	Glass 250ml/8oz unpreserved	A	N/A	2.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1525736-02A	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-02B	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-02C	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-02D	Plastic 2oz unpreserved for TS	A	N/A	2.2	Y	Absent	TS(7)
L1525736-02X	Vial MeOH preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-02Y	Vial Water preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-02Z	Vial Water preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-03A	Glass 250ml/8oz unpreserved	A	N/A	2.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1525736-04A	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-04B	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-04C	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-04D	Plastic 2oz unpreserved for TS	A	N/A	2.2	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days



Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1525736-04X	Vial MeOH preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-04Y	Vial Water preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-04Z	Vial Water preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-05A	Glass 250ml/8oz unpreserved	A	N/A	2.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1525736-06A	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-06B	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-06C	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-06D	Plastic 2oz unpreserved for TS	A	N/A	2.2	Y	Absent	TS(7)
L1525736-06X	Vial MeOH preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-06Y	Vial Water preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-06Z	Vial Water preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-07A	Glass 250ml/8oz unpreserved	A	N/A	2.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1525736-08A	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-08B	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-08C	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-08D	Plastic 2oz unpreserved for TS	A	N/A	2.2	Y	Absent	TS(7)
L1525736-08X	Vial MeOH preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-08Y	Vial Water preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-08Z	Vial Water preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days



Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1525736-09A	Glass 500ml/16oz unpreserved	A	N/A	2.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1525736-10A	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-10B	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-10C	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-10D	Plastic 2oz unpreserved for TS	A	N/A	2.2	Y	Absent	TS(7)
L1525736-10X	Vial MeOH preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-10Y	Vial Water preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-10Z	Vial Water preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-11A	Glass 250ml/8oz unpreserved	A	N/A	2.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1525736-12A	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-12B	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-12C	5 gram Encore Sampler	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(2)
L1525736-12D	Plastic 2oz unpreserved for TS	A	N/A	2.2	Y	Absent	TS(7)
L1525736-12X	Vial MeOH preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-12Y	Vial Water preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-12Z	Vial Water preserved split	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1525736-13A	Vial HCl preserved	A	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1525736-13B	Vial HCl preserved	A	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1525736-13C	Vial HCl preserved	A	N/A	2.2	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



Project Name: 470 MANHATTAN AVENUE

Project Number: 12306

Lab Number: L1525736

Report Date: 10/16/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1525736-13D	Plastic 250ml HNO3 preserved	A	<2	2.2	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1525736-13E	Plastic 250ml unpreserved	A	7	2.2	Y	Absent	-
L1525736-13F	Amber 500ml unpreserved	A	7	2.2	Y	Absent	NYTCL-8081(7)
L1525736-13G	Amber 500ml unpreserved	A	7	2.2	Y	Absent	NYTCL-8081(7)
L1525736-13H	Amber 1000ml unpreserved	A	7	2.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1525736-13I	Amber 1000ml unpreserved	A	7	2.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1525736-13J	Amber 1000ml unpreserved	A	7	2.2	Y	Absent	NYTCL-8082-1200ML(7)
L1525736-13K	Amber 1000ml unpreserved	A	7	2.2	Y	Absent	NYTCL-8082-1200ML(7)
L1525736-13X	Plastic 120ml HNO3 preserved spl	A	<2	2.2	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1525736-14A	Vial HCl preserved	A	N/A	2.2	Y	Absent	NYTCL-8260(14)
L1525736-14B	Vial HCl preserved	A	N/A	2.2	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

GLOSSARY

Acronyms

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

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: 470 MANHATTAN AVENUE
Project Number: 12306

Lab Number: L1525736
Report Date: 10/16/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide) (soil), Methyl methacrylate (soil), Azobenzene.

EPA 8270D: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC,

SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**

EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4,**

SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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



NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers

Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page

1 of 2

Date Rec'd
in Lab

10/10/15

ALPHA Job #

US25736

Project Information

Project Name: 470 Manhattan Avenue

Project Location: Brooklyn, New York

Project # 12306

(Use Project name as Project #)

Project Manager: A. Jordan

ALPHAQuote #:

Turn-Around Time

Standard Due Date:

Rush (only if pre approved) # of Days:

Deliverables

- ASP-A ASP-B
 EQUIS (1 File) EQUIS (4 File)
 Other *cdex, email*

Billing Information

Same as Client Info
Po # 12306

Client Information

Client: AKRF, Inc.

Address: 440 Park Ave. S. 7th NY NY 10016

Phone: (46) 398. 9864

Fax:

Email: ajordan@akrf.com

Regulatory Requirement

- NY TOGS NY Part 375
 AWQ Standards NY CP-51
 NY Restricted Use Other
 NY Unrestricted Use
 NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:

- NJ NY
 Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

VOC 8260
SVOC 8270
PCB 8082
Pesticide 8081
TAL Metal PAH

Sample Filtration

- Done
 Lab to do
 Preservation
 Lab to do

(Please Specify below)

Sample Specific Comments

T
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B
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ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	VOC 8260	SVOC 8270	PCB 8082	Pesticide 8081	TAL Metal PAH								
		Date	Time															
25736 - 01	SB-4(0-2)	10/9/15	1020	SOIL	aj		X	X	X	X								1
-02	SB-4(1-2) G		1015	SOIL	aj	X												4
-03	SB-4(4-6)		1027	SOIL	aj		X	X	X	X								1
-04	SB-4(4-5) G		1023	SOIL	aj	X												4
-05	SB-9(0-2) G		1220	SOIL	aj		X	X	X	X								1
-06	SB-9(1-2) G		1215	SOIL	aj	X												4
-07	SB-9(4-6)		1230	SOIL	aj		X	X	X	X								1
-08	SB-9(4-5) G		1225	SOIL	aj	X												4
-09	SB-10(0-2)		1331	SOIL	aj		X	X	X	X								1
-10	SB-10(1-2) G		1329	SOIL	aj	X												4

Preservative Code:

- A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Container Code

- P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935

Mansfield: Certification No: MA015

Container Type

e a a a a

Preservative

a a a a a

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Relinquished By:	Date/Time	Received By:	Date/Time
A. Jordan	10/9/15 @	Tom Tolan	10/9/15 16:00
Tom Tolan	10/9/15 2000	Tom Tolan	10-9-15 2000
Tom Tolan	10/10/15 01:00	Tom Tolan	10/10/15 01:00

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab								
		2 of 2	10/10/15	ALPHA Job # L1525736							
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables	Billing Information						
		Project Name: 470 Manhattan Avenue		<input type="checkbox"/> ASP-A	<input type="checkbox"/> ASP-B						
		Project Location: Brooklyn, NY		<input type="checkbox"/> EQUIS (1 File)	<input type="checkbox"/> EQUIS (4 File)						
		Project # 12306		<input checked="" type="checkbox"/> Other <i>Acex, email</i>							
Client Information		(Use Project name as Project #) <input type="checkbox"/>		Regulatory Requirement							
Client: AKRF, Inc		Project Manager: AJordan		<input type="checkbox"/> NY TOGS	<input type="checkbox"/> NY Part 375						
Address: 440 Park Ave S., 7th Fl. NY NY 10016		ALPHAQuote #:		<input type="checkbox"/> AWQ Standards	<input type="checkbox"/> NY CP-51						
Phone: 646-388-9864		Turn-Around Time		<input type="checkbox"/> NY Restricted Use	<input type="checkbox"/> Other						
Fax:		Standard <input checked="" type="checkbox"/>		<input type="checkbox"/> NY Unrestricted Use							
Email: ajordan@akrf.com		Rush (only if pre approved) <input type="checkbox"/>		<input type="checkbox"/> NYC Sewer Discharge							
Due Date:		# of Days:		Disposal Site Information							
These samples have been previously analyzed by Alpha <input type="checkbox"/>				Please identify below location of applicable disposal facilities.							
Other project specific requirements/comments:				Disposal Facility:							
Please specify Metals or TAL.				<input type="checkbox"/> NJ <input type="checkbox"/> NY							
				<input type="checkbox"/> Other:							
				ANALYSIS							
				Sample Filtration							
				<input type="checkbox"/> Done							
				<input type="checkbox"/> Lab to do							
				<input checked="" type="checkbox"/> Lab to do							
				(Please Specify below)							
				Sample Specific Comments							
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	SVOC 8270	Pesticide 8081	PCB 8082	TAL Metal 9910/9917	Total Bottle
25736-11	SB-10(4-6)	10/9/15	1340	SOIL	aj	X	X	X	X	X	1
-12	SB-10(4-5)G	↓	1335	SOIL	aj	X	X	X	X	X	4
-13	GW-4	↓	1055	GW	aj	X	X	X	X	X	11
-14	TB 20151009	↓	—	GW	aj	X	X	X	X	X	
Preservative Code:		Container Code		Westboro: Certification No: MA935		Container Type		Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Mansfield: Certification No: MA015		e g a a a a g g a a a c					
		Relinquished By:		Date/Time		Received By:		Date/Time			
		AJordan		10/9/15 @		[Signature]		10/9/15 16:00			
		[Signature]		10/9/15 2000		Tam Toker		10-9-15 2000			
		[Signature]		10/10/15 01:00		[Signature]		10/10/15 01:00			

APPENDIX H
LABORATORY DATA DELIVERABLES FOR
SOIL VAPOR ANALYTICAL DAT



ANALYTICAL REPORT

Lab Number:	L1524415
Client:	AKRF, Inc. 440 Park Avenue South 7th Floor New York, NY 10016
ATTN:	Amy Jordan
Phone:	(646) 388-9864
Project Name:	470 MANHATTAN AVE.
Project Number:	12306
Report Date:	10/06/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), ME (MA00030), PA (68-02089), VA (460194), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), USFWS (Permit #LE2069641), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524415
Report Date: 10/06/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1524415-01	SV-3	SOIL_VAPOR	BROOKLYN, NY	09/29/15 12:51	09/29/15
L1524415-02	AA-1	AIR	BROOKLYN, NY	09/29/15 10:02	09/29/15
L1524415-03	SV-2	SOIL_VAPOR	BROOKLYN, NY	09/29/15 10:30	09/29/15

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524415
Report Date: 10/06/15

Case Narrative

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

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

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

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

HOLD POLICY

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

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

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524415
Report Date: 10/06/15

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on September 25, 2015. The canister certification results are provided as an addendum.

Samples L1524415-01 and -03: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

Samples L1524415-01 and -03 The presence of 2,2,4-Trimethylpentane could not be determined in these samples due to a non-target compound interfering with the identification and quantification of this compound.

Samples L1524415-02 results for Acetone and n-Heptane should be considered estimated due to co-elution with a non-target peaks.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 10/06/15

AIR

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524415**Project Number:** 12306**Report Date:** 10/06/15**SAMPLE RESULTS**

Lab ID: L1524415-01 D
 Client ID: SV-3
 Sample Location: BROOKLYN, NY
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/05/15 21:41
 Analyst: MB

Date Collected: 09/29/15 12:51
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	1.00	--	ND	4.94	--		5
Chloromethane	ND	1.00	--	ND	2.07	--		5
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	2.18	1.00	--	4.82	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	3.00	1.00	--	7.92	2.64	--		5
Ethyl Alcohol	81.6	12.5	--	154	23.6	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	1060	5.00	--	2520	11.9	--		5
Trichlorofluoromethane	ND	1.00	--	ND	5.62	--		5
iso-Propyl Alcohol	5.12	2.50	--	12.6	6.15	--		5
1,1-Dichloroethene	ND	1.00	--	ND	3.96	--		5
tert-Butyl Alcohol	6.68	2.50	--	20.3	7.58	--		5
Methylene chloride	ND	2.50	--	ND	8.69	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	1.01	1.00	--	3.15	3.11	--		5
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.00	--	ND	7.66	--		5
trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
1,1-Dichloroethane	226	1.00	--	915	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.61	--		5
2-Butanone	23.2	2.50	--	68.4	7.37	--		5
cis-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
Ethyl Acetate	ND	2.50	--	ND	9.01	--		5



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524415
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524415-01 D
 Client ID: SV-3
 Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 12:51
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	1.00	--	ND	4.88	--		5
Tetrahydrofuran	ND	2.50	--	ND	7.37	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	5.87	1.00	--	20.7	3.52	--		5
1,1,1-Trichloroethane	472	1.00	--	2580	5.46	--		5
Benzene	46.5	1.00	--	149	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	3.86	1.00	--	13.3	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	ND	1.00	--	ND	5.37	--		5
2,2,4-Trimethylpentane	ND	1.00	--	ND	4.67	--		5
Heptane	5.58	1.00	--	22.9	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	ND	2.50	--	ND	10.2	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	6.08	1.00	--	22.9	3.77	--		5
2-Hexanone	ND	1.00	--	ND	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.69	--		5
Tetrachloroethene	ND	1.00	--	ND	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.61	--		5
Ethylbenzene	ND	1.00	--	ND	4.34	--		5
p/m-Xylene	ND	2.00	--	ND	8.69	--		5
Bromoform	ND	1.00	--	ND	10.3	--		5
Styrene	ND	1.00	--	ND	4.26	--		5



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524415**Project Number:** 12306**Report Date:** 10/06/15**SAMPLE RESULTS**

Lab ID: L1524415-01 D

Date Collected: 09/29/15 12:51

Client ID: SV-3

Date Received: 09/29/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	ND	1.00	--	ND	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
1,2,4-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	84		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	84		60-140



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524415
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524415-02
 Client ID: AA-1
 Sample Location: BROOKLYN, NY
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 10/05/15 16:39
 Analyst: MB

Date Collected: 09/29/15 10:02
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.936	0.200	--	4.63	0.989	--		1
Chloromethane	0.525	0.200	--	1.08	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	12.6	2.50	--	23.7	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.56	1.00	--	10.8	2.38	--		1
Trichlorofluoromethane	0.242	0.200	--	1.36	1.12	--		1
iso-Propyl Alcohol	1.34	0.500	--	3.29	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524415**Project Number:** 12306**Report Date:** 10/06/15**SAMPLE RESULTS**

Lab ID: L1524415-02
 Client ID: AA-1
 Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 10:02
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.410	0.200	--	1.44	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.374	0.200	--	1.19	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.284	0.200	--	1.33	0.934	--		1
Heptane	0.214	0.200	--	0.877	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.08	0.200	--	4.07	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	0.475	0.400	--	2.06	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524415**Project Number:** 12306**Report Date:** 10/06/15**SAMPLE RESULTS**

Lab ID: L1524415-02
 Client ID: AA-1
 Sample Location: BROOKLYN, NY

Date Collected: 09/29/15 10:02
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	84		60-140



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524415**Project Number:** 12306**Report Date:** 10/06/15**SAMPLE RESULTS**

Lab ID: L1524415-03 D
 Client ID: SV-2
 Sample Location: BROOKLYN, NY
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/05/15 22:13
 Analyst: MB

Date Collected: 09/29/15 10:30
 Date Received: 09/29/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.400	--	ND	1.98	--		2
Chloromethane	ND	0.400	--	ND	0.826	--		2
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
1,3-Butadiene	ND	0.400	--	ND	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
Ethyl Alcohol	46.5	5.00	--	87.6	9.42	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	748	2.00	--	1780	4.75	--		2
Trichlorofluoromethane	ND	0.400	--	ND	2.25	--		2
iso-Propyl Alcohol	2.97	1.00	--	7.30	2.46	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
tert-Butyl Alcohol	3.39	1.00	--	10.3	3.03	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
3-Chloropropene	ND	0.400	--	ND	1.25	--		2
Carbon disulfide	0.540	0.400	--	1.68	1.25	--		2
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.400	--	ND	3.07	--		2
trans-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
1,1-Dichloroethane	ND	0.400	--	ND	1.62	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
2-Butanone	35.4	1.00	--	104	2.95	--		2
cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Ethyl Acetate	ND	1.00	--	ND	3.60	--		2



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524415**Project Number:** 12306**Report Date:** 10/06/15**SAMPLE RESULTS**

Lab ID: L1524415-03 D

Date Collected: 09/29/15 10:30

Client ID: SV-2

Date Received: 09/29/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.400	--	ND	1.95	--		2
Tetrahydrofuran	ND	1.00	--	ND	2.95	--		2
1,2-Dichloroethane	ND	0.400	--	ND	1.62	--		2
n-Hexane	4.89	0.400	--	17.2	1.41	--		2
1,1,1-Trichloroethane	21.5	0.400	--	117	2.18	--		2
Benzene	1.80	0.400	--	5.75	1.28	--		2
Carbon tetrachloride	ND	0.400	--	ND	2.52	--		2
Cyclohexane	1.10	0.400	--	3.79	1.38	--		2
1,2-Dichloropropane	ND	0.400	--	ND	1.85	--		2
Bromodichloromethane	ND	0.400	--	ND	2.68	--		2
1,4-Dioxane	ND	0.400	--	ND	1.44	--		2
Trichloroethene	ND	0.400	--	ND	2.15	--		2
2,2,4-Trimethylpentane	ND	0.400	--	ND	1.87	--		2
Heptane	6.31	0.400	--	25.9	1.64	--		2
cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		2
trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Toluene	7.92	0.400	--	29.8	1.51	--		2
2-Hexanone	1.47	0.400	--	6.02	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	0.726	0.400	--	4.92	2.71	--		2
Chlorobenzene	ND	0.400	--	ND	1.84	--		2
Ethylbenzene	0.888	0.400	--	3.86	1.74	--		2
p/m-Xylene	3.06	0.800	--	13.3	3.47	--		2
Bromoform	ND	0.400	--	ND	4.14	--		2
Styrene	ND	0.400	--	ND	1.70	--		2



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524415**Project Number:** 12306**Report Date:** 10/06/15**SAMPLE RESULTS**

Lab ID: L1524415-03 D

Date Collected: 09/29/15 10:30

Client ID: SV-2

Date Received: 09/29/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--		2
o-Xylene	0.996	0.400	--	4.33	1.74	--		2
4-Ethyltoluene	ND	0.400	--	ND	1.97	--		2
1,3,5-Trimethylbenzene	ND	0.400	--	ND	1.97	--		2
1,2,4-Trimethylbenzene	0.520	0.400	--	2.56	1.97	--		2
Benzyl chloride	ND	0.400	--	ND	2.07	--		2
1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--		2
Hexachlorobutadiene	ND	0.400	--	ND	4.27	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	84		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	86		60-140



Project Name: 470 MANHATTAN AVE.

Lab Number: L1524415

Project Number: 12306

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/05/15 12:58

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG827928-4								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524415

Project Number: 12306

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/05/15 12:58

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG827928-4								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524415

Project Number: 12306

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/05/15 12:58

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG827928-4								
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524415

Project Number: 12306

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/05/15 12:58

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG827928-4								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524415

Project Number: 12306

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/05/15 12:58

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG827928-4								
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524415

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG827928-3								
Chlorodifluoromethane	90		-		70-130	-		
Propylene	101		-		70-130	-		
Propane	77		-		70-130	-		
Dichlorodifluoromethane	105		-		70-130	-		
Chloromethane	102		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	104		-		70-130	-		
Methanol	86		-		70-130	-		
Vinyl chloride	103		-		70-130	-		
1,3-Butadiene	112		-		70-130	-		
Butane	93		-		70-130	-		
Bromomethane	100		-		70-130	-		
Chloroethane	102		-		70-130	-		
Ethyl Alcohol	86		-		70-130	-		
Dichlorofluoromethane	92		-		70-130	-		
Vinyl bromide	102		-		70-130	-		
Acrolein	94		-		70-130	-		
Acetone	102		-		70-130	-		
Acetonitrile	98		-		70-130	-		
Trichlorofluoromethane	103		-		70-130	-		
iso-Propyl Alcohol	104		-		70-130	-		
Acrylonitrile	98		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524415

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG827928-3								
Pentane	92		-		70-130	-		
Ethyl ether	92		-		70-130	-		
1,1-Dichloroethene	100		-		70-130	-		
tert-Butyl Alcohol	91		-		70-130	-		
Methylene chloride	98		-		70-130	-		
3-Chloropropene	94		-		70-130	-		
Carbon disulfide	98		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	103		-		70-130	-		
trans-1,2-Dichloroethene	91		-		70-130	-		
1,1-Dichloroethane	98		-		70-130	-		
Methyl tert butyl ether	99		-		70-130	-		
Vinyl acetate	104		-		70-130	-		
2-Butanone	97		-		70-130	-		
cis-1,2-Dichloroethene	108		-		70-130	-		
Ethyl Acetate	103		-		70-130	-		
Chloroform	102		-		70-130	-		
Tetrahydrofuran	92		-		70-130	-		
2,2-Dichloropropane	91		-		70-130	-		
1,2-Dichloroethane	100		-		70-130	-		
n-Hexane	99		-		70-130	-		
Isopropyl Ether	87		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524415

Project Number: 12306

Report Date: 10/06/15

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG827928-3								
Ethyl-Tert-Butyl-Ether	89		-		70-130	-		
1,1,1-Trichloroethane	99		-		70-130	-		
1,1-Dichloropropene	96		-		70-130	-		
Benzene	97		-		70-130	-		
Carbon tetrachloride	101		-		70-130	-		
Cyclohexane	95		-		70-130	-		
Tertiary-Amyl Methyl Ether	89		-		70-130	-		
Dibromomethane	94		-		70-130	-		
1,2-Dichloropropane	99		-		70-130	-		
Bromodichloromethane	98		-		70-130	-		
1,4-Dioxane	103		-		70-130	-		
Trichloroethene	103		-		70-130	-		
2,2,4-Trimethylpentane	98		-		70-130	-		
Methyl Methacrylate	92		-		70-130	-		
Heptane	98		-		70-130	-		
cis-1,3-Dichloropropene	105		-		70-130	-		
4-Methyl-2-pentanone	97		-		70-130	-		
trans-1,3-Dichloropropene	91		-		70-130	-		
1,1,2-Trichloroethane	104		-		70-130	-		
Toluene	98		-		70-130	-		
1,3-Dichloropropane	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524415

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG827928-3								
2-Hexanone	102		-		70-130	-		
Dibromochloromethane	102		-		70-130	-		
1,2-Dibromoethane	102		-		70-130	-		
Butyl Acetate	96		-		70-130	-		
Octane	93		-		70-130	-		
Tetrachloroethene	97		-		70-130	-		
1,1,1,2-Tetrachloroethane	94		-		70-130	-		
Chlorobenzene	100		-		70-130	-		
Ethylbenzene	101		-		70-130	-		
p/m-Xylene	102		-		70-130	-		
Bromoform	102		-		70-130	-		
Styrene	102		-		70-130	-		
1,1,1,2-Tetrachloroethane	106		-		70-130	-		
o-Xylene	106		-		70-130	-		
1,2,3-Trichloropropane	94		-		70-130	-		
Nonane (C9)	94		-		70-130	-		
Isopropylbenzene	96		-		70-130	-		
Bromobenzene	94		-		70-130	-		
o-Chlorotoluene	96		-		70-130	-		
n-Propylbenzene	95		-		70-130	-		
p-Chlorotoluene	95		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524415

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG827928-3								
4-Ethyltoluene	98		-		70-130	-		
1,3,5-Trimethylbenzene	102		-		70-130	-		
tert-Butylbenzene	97		-		70-130	-		
1,2,4-Trimethylbenzene	108		-		70-130	-		
Decane (C10)	98		-		70-130	-		
Benzyl chloride	110		-		70-130	-		
1,3-Dichlorobenzene	105		-		70-130	-		
1,4-Dichlorobenzene	106		-		70-130	-		
sec-Butylbenzene	98		-		70-130	-		
p-Isopropyltoluene	92		-		70-130	-		
1,2-Dichlorobenzene	105		-		70-130	-		
n-Butylbenzene	103		-		70-130	-		
1,2-Dibromo-3-chloropropane	97		-		70-130	-		
Undecane	106		-		70-130	-		
Dodecane (C12)	110		-		70-130	-		
1,2,4-Trichlorobenzene	108		-		70-130	-		
Naphthalene	103		-		70-130	-		
1,2,3-Trichlorobenzene	96		-		70-130	-		
Hexachlorobutadiene	98		-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524415

Report Date: 10/06/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG827928-5 QC Sample: L1524281-01 Client ID: DUP Sample						
Dichlorodifluoromethane	ND	0.444	ppbV	NC		25
Chloromethane	2.65	2.77	ppbV	4		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	2.53	2.63	ppbV	4		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	0.476	0.472	ppbV	1		25
Ethyl Alcohol	44.4	45.4	ppbV	2		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	690	711	ppbV	3		25
Trichlorofluoromethane	0.424	0.448	ppbV	6		25
iso-Propyl Alcohol	3.22	3.36	ppbV	4		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
tert-Butyl Alcohol	4.44	4.65	ppbV	5		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	13.8	13.9	ppbV	1		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524415

Report Date: 10/06/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG827928-5 QC Sample: L1524281-01 Client ID: DUP Sample					
1,1-Dichloroethane	2.40	2.45	ppbV	2	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
2-Butanone	11.0	11.4	ppbV	4	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Chloroform	70.1	71.5	ppbV	2	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	7.40	7.58	ppbV	2	25
1,1,1-Trichloroethane	5.10	5.21	ppbV	2	25
Benzene	3.44	3.49	ppbV	1	25
Carbon tetrachloride	43.2	42.6	ppbV	1	25
Cyclohexane	5.10	5.09	ppbV	0	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
Trichloroethene	2.71	2.71	ppbV	0	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25
Heptane	6.46	6.80	ppbV	5	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524415

Report Date: 10/06/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG827928-5 QC Sample: L1524281-01 Client ID: DUP Sample					
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	6.21	6.24	ppbV	0	25
2-Hexanone	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	0.872	0.882	ppbV	1	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	0.718	0.710	ppbV	1	25
p/m-Xylene	2.92	2.88	ppbV	1	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	1.04	1.05	ppbV	1	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.544	0.550	ppbV	1	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524415

Report Date: 10/06/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG827928-5 QC Sample: L1524281-01 Client ID: DUP Sample					
Benzyl chloride	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Project Name: 470 MANHATTAN AVE.

Serial_No:10061513:09
Lab Number: L1524415

Project Number: 12306

Report Date: 10/06/15

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1524415-01	SV-3	0077	#16 AMB	09/25/15	209914		-	-	-	Pass	18	16.5	9
L1524415-01	SV-3	116	2.7L Can	09/25/15	209914	L1523348-01	Pass	-30.0	-7.7	-	-	-	-
L1524415-02	AA-1	0587	#90 SV	09/25/15	209914		-	-	-	Pass	39.1	38.2	2
L1524415-02	AA-1	1823	6.0L Can	09/25/15	209914	L1523378-01	Pass	-30.0	-7.7	-	-	-	-
L1524415-03	SV-2	0366	#16 AMB	09/25/15	209914		-	-	-	Pass	17.4	15.1	14
L1524415-03	SV-2	2033	2.7L Can	09/25/15	209914	L1523348-01	Pass	-30.0	-7.4	-	-	-	-

Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523348-01
 Client ID: CAN 356 SHELF 8
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 09/21/15 15:47
 Analyst: MB

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523348-01
 Client ID: CAN 356 SHELF 8
 Sample Location:

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523348-01
 Client ID: CAN 356 SHELF 8
 Sample Location:

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523348-01
 Client ID: CAN 356 SHELF 8
 Sample Location:

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523348-01 Date Collected: 09/18/15 18:00
 Client ID: CAN 356 SHELF 8 Date Received: 09/21/15
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	85		60-140

Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523348-01
 Client ID: CAN 356 SHELF 8
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 09/21/15 15:47
 Analyst: MB

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523348-01
 Client ID: CAN 356 SHELF 8
 Sample Location:

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523348-01
 Client ID: CAN 356 SHELF 8
 Sample Location:

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	85		60-140

Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523378
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523378-01
 Client ID: CAN 2101 SHELF 42
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 09/22/15 07:26
 Analyst: MB

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523378
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523378-01
 Client ID: CAN 2101 SHELF 42
 Sample Location:

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523378
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523378-01
 Client ID: CAN 2101 SHELF 42
 Sample Location:

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1

Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523378
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523378-01
 Client ID: CAN 2101 SHELF 42
 Sample Location:

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523378
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523378-01 Date Collected: 09/18/15 18:00
 Client ID: CAN 2101 SHELF 42 Date Received: 09/21/15
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	89		60-140



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523378
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523378-01
 Client ID: CAN 2101 SHELF 42
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 09/22/15 07:26
 Analyst: MB

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523378
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523378-01
 Client ID: CAN 2101 SHELF 42
 Sample Location:

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523378
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523378-01
 Client ID: CAN 2101 SHELF 42
 Sample Location:

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	92		60-140



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524415**Project Number:** 12306**Report Date:** 10/06/15**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal**Cooler**

N/A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524415-01A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30)
L1524415-02A	Canister - 6 Liter	N/A	N/A		Y	Absent	TO15-LL(30)
L1524415-03A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524415
Report Date: 10/06/15

GLOSSARY

Acronyms

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

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: Data Usability Report



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524415
Report Date: 10/06/15

Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reporting limit (RL) for the sample.

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524415
Report Date: 10/06/15

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide) (soil), Methyl methacrylate (soil), Azobenzene.

EPA 8270D: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**

EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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



AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: AKRF
Address: 440 Park Ave SouthPhone: 646 388 9864

Fax:

Email: A.Jordan@AKRF.com These samples have been previously analyzed by Alpha

Project Information

Project Name: 470 Manhattan Ave
Project Location: Brooklyn, NY
Project #: 12306
Project Manager: AMT Jordan
ALPHA Quote #:

Turn-Around Time

 Standard RUSH (only confirmed if pre-approved)

Date Due:

Time:

Date Rec'd in Lab:

Report Information - Data Deliverables

 FAX
 ADEX
Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
Other Formats: _____
 EMAIL (standard pdf report)
 Additional Deliverables: _____
Report to: (if different than Project Manager)

ALPHA Job #:

Billing Information

 Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection			Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)	
		Date	Start Time	End Time																
	SU-2	9/28	8:23	10:30	30.84	7.95	SU	KH	2.7	116	0077									
	SU-7 <u>SV-3</u> (A)		<u>10:51</u>	<u>12:51</u>	<u>30.12</u>	<u>7.54</u>	<u>SU</u>	<u>KH</u>	<u>2.7</u>	<u>116</u>	<u>0077</u>									
	<u>AA-1</u>	<u>↓</u>	<u>8:06</u>	<u>10:02</u>	<u>30.99</u>	<u>7.80</u>	<u>SU</u>	<u>KH</u>	<u>6</u>	<u>1823</u>	<u>0557</u>									
	<u>SU-2</u>	<u>↓</u>	<u>8:23</u>	<u>10:30</u>	<u>30.84</u>	<u>7.95</u>	<u>SU</u>	<u>KH</u>	<u>2.7</u>	<u>116</u>	<u>0366</u>									

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:

Date/Time

Received By:

Date/Time

Kevin Higgins
Del Nobile (AA)9/29/15 1:50
9/29/15Del Nobile (AA)9/29/15 1:50



AIR ANALYSIS

CHAIN OF CUSTODY

PAGE 1 OF 1

320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: AKRF
 Address: 440 Park Ave South
 Phone: 646 358 9864
 Fax:
 Email: A.Jordan@AKRF.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project Information

Project Name: 470 Manhattan Ave
 Project Location: Brooklyn, NY
 Project #: 12306
 Project Manager: AMY Jordan
 ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Date Rec'd in Lab: 9/30/15

Report Information - Data Deliverables

FAX
 ~~NA~~EX
 Criteria Checker: _____
 (Default based on Regulatory Criteria Indicated)
 Other Formats: _____
 EMAIL (standard pdf report)
 Additional Deliverables:
 Report to: (if different than Project Manager)

ALPHA Job #: L1524415

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection										TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
		Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller								
24415-01	SV-2	9/24	8:23	10:30	30.89	7.95	SV	KH	2.03	116	0070								
24415-01	SV-7		10:51	12:51	30.12	7.56	SV	KH	2.7	116	0070	X							
-02	AA-1		8:06	10:02	29.99	7.80	SV	KH	6	1823	0557	X							
-03	SV-2		8:23	10:30	30.89	7.95	SV	KH	2.7	203	0366	X							

***SAMPLE MATRIX CODES**

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:

Date/Time

Received By:

Date/Time

Kevin Hennig
Don Hill (AA)
Tom Jordan

9/29/15 1450
9/29/15 1830
9-30-15 00:00

Don Hill (AA)
Tom Jordan
Bob Bedard

9/29/15 1450
9-29-15 1830
9/30/15 00:10



ANALYTICAL REPORT

Lab Number:	L1525755
Client:	AKRF, Inc. 440 Park Avenue South 7th Floor New York, NY 10016
ATTN:	Amy Jordan
Phone:	(646) 388-9864
Project Name:	470 MANHATTAN AVE.
Project Number:	12306
Report Date:	10/16/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), ME (MA00030), PA (68-02089), VA (460194), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), USFWS (Permit #LE2069641), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1525755
Report Date: 10/16/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1525755-01	SV-4	SOIL_VAPOR	BROOKLYN, NY	10/09/15 13:42	10/09/15
L1525755-02	SV-5	SOIL_VAPOR	BROOKLYN, NY	10/09/15 13:57	10/09/15
L1525755-03	SV-7	SOIL_VAPOR	BROOKLYN, NY	10/09/15 13:59	10/09/15

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1525755
Report Date: 10/16/15

Case Narrative

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

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

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

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

HOLD POLICY

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

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

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1525755
Report Date: 10/16/15

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on September 25, 2015. The canister certification results are provided as an addendum.

Sample L1525755-01: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Sample L1525755-02: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 10/16/15

AIR

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1525755**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS**

Lab ID: L1525755-01 D
 Client ID: SV-4
 Sample Location: BROOKLYN, NY
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/15/15 21:47
 Analyst: RY

Date Collected: 10/09/15 13:42
 Date Received: 10/09/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.400	--	ND	1.98	--		2
Chloromethane	ND	0.400	--	ND	0.826	--		2
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
1,3-Butadiene	0.696	0.400	--	1.54	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
Ethyl Alcohol	128	5.00	--	241	9.42	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	428	2.00	--	1020	4.75	--		2
Trichlorofluoromethane	ND	0.400	--	ND	2.25	--		2
iso-Propyl Alcohol	105	1.00	--	258	2.46	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
tert-Butyl Alcohol	5.32	1.00	--	16.1	3.03	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
3-Chloropropene	ND	0.400	--	ND	1.25	--		2
Carbon disulfide	0.852	0.400	--	2.65	1.25	--		2
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.400	--	ND	3.07	--		2
trans-1,2-Dichloroethene	0.858	0.400	--	3.40	1.59	--		2
1,1-Dichloroethane	ND	0.400	--	ND	1.62	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
2-Butanone	10.3	1.00	--	30.4	2.95	--		2
cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Ethyl Acetate	ND	1.00	--	ND	3.60	--		2



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1525755**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS**

Lab ID: L1525755-01 D

Date Collected: 10/09/15 13:42

Client ID: SV-4

Date Received: 10/09/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	1.48	0.400	--	7.23	1.95	--		2
Tetrahydrofuran	ND	1.00	--	ND	2.95	--		2
1,2-Dichloroethane	ND	0.400	--	ND	1.62	--		2
n-Hexane	155	0.400	--	546	1.41	--		2
1,1,1-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Benzene	5.07	0.400	--	16.2	1.28	--		2
Carbon tetrachloride	ND	0.400	--	ND	2.52	--		2
Cyclohexane	2.13	0.400	--	7.33	1.38	--		2
1,2-Dichloropropane	ND	0.400	--	ND	1.85	--		2
Bromodichloromethane	ND	0.400	--	ND	2.68	--		2
1,4-Dioxane	ND	0.400	--	ND	1.44	--		2
Trichloroethene	ND	0.400	--	ND	2.15	--		2
2,2,4-Trimethylpentane	3.02	0.400	--	14.1	1.87	--		2
Heptane	50.7	0.400	--	208	1.64	--		2
cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		2
trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Toluene	19.8	0.400	--	74.6	1.51	--		2
2-Hexanone	ND	0.400	--	ND	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	3.06	0.400	--	20.8	2.71	--		2
Chlorobenzene	ND	0.400	--	ND	1.84	--		2
Ethylbenzene	5.45	0.400	--	23.7	1.74	--		2
p/m-Xylene	14.2	0.800	--	61.7	3.47	--		2
Bromoform	ND	0.400	--	ND	4.14	--		2
Styrene	0.556	0.400	--	2.37	1.70	--		2



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1525755**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS**

Lab ID: L1525755-01 D

Date Collected: 10/09/15 13:42

Client ID: SV-4

Date Received: 10/09/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--		2
o-Xylene	5.51	0.400	--	23.9	1.74	--		2
4-Ethyltoluene	1.05	0.400	--	5.16	1.97	--		2
1,3,5-Trimethylbenzene	1.05	0.400	--	5.16	1.97	--		2
1,2,4-Trimethylbenzene	3.88	0.400	--	19.1	1.97	--		2
Benzyl chloride	ND	0.400	--	ND	2.07	--		2
1,3-Dichlorobenzene	2.49	0.400	--	15.0	2.40	--		2
1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--		2
Hexachlorobutadiene	ND	0.400	--	ND	4.27	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	91		60-140



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1525755**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS**

Lab ID: L1525755-02 D
 Client ID: SV-5
 Sample Location: BROOKLYN, NY
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/15/15 22:19
 Analyst: RY

Date Collected: 10/09/15 13:57
 Date Received: 10/09/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	1.00	--	ND	4.94	--		5
Chloromethane	3.00	1.00	--	6.20	2.07	--		5
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	19.9	1.00	--	44.0	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	ND	1.00	--	ND	2.64	--		5
Ethyl Alcohol	148	12.5	--	279	23.6	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	311	5.00	--	739	11.9	--		5
Trichlorofluoromethane	ND	1.00	--	ND	5.62	--		5
iso-Propyl Alcohol	209	2.50	--	514	6.15	--		5
1,1-Dichloroethene	ND	1.00	--	ND	3.96	--		5
tert-Butyl Alcohol	4.82	2.50	--	14.6	7.58	--		5
Methylene chloride	ND	2.50	--	ND	8.69	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	9.72	1.00	--	30.3	3.11	--		5
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.00	--	ND	7.66	--		5
trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
1,1-Dichloroethane	ND	1.00	--	ND	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.61	--		5
2-Butanone	15.8	2.50	--	46.6	7.37	--		5
cis-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
Ethyl Acetate	ND	2.50	--	ND	9.01	--		5



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1525755**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS**

Lab ID: L1525755-02 D

Date Collected: 10/09/15 13:57

Client ID: SV-5

Date Received: 10/09/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	1.00	--	ND	4.88	--		5
Tetrahydrofuran	ND	2.50	--	ND	7.37	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	15.7	1.00	--	55.3	3.52	--		5
1,1,1-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Benzene	5.99	1.00	--	19.1	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	3.30	1.00	--	11.4	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	ND	1.00	--	ND	5.37	--		5
2,2,4-Trimethylpentane	3.42	1.00	--	16.0	4.67	--		5
Heptane	6.26	1.00	--	25.7	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	ND	2.50	--	ND	10.2	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	16.1	1.00	--	60.7	3.77	--		5
2-Hexanone	ND	1.00	--	ND	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.69	--		5
Tetrachloroethene	2.08	1.00	--	14.1	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.61	--		5
Ethylbenzene	4.80	1.00	--	20.8	4.34	--		5
p/m-Xylene	12.7	2.00	--	55.2	8.69	--		5
Bromoform	ND	1.00	--	ND	10.3	--		5
Styrene	ND	1.00	--	ND	4.26	--		5



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1525755**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS**

Lab ID: L1525755-02 D

Date Collected: 10/09/15 13:57

Client ID: SV-5

Date Received: 10/09/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	4.93	1.00	--	21.4	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
1,2,4-Trimethylbenzene	3.44	1.00	--	16.9	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	2.97	1.00	--	17.9	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	89		60-140



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1525755**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS**

Lab ID: L1525755-03
 Client ID: SV-7
 Sample Location: BROOKLYN, NY
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/15/15 22:53
 Analyst: RY

Date Collected: 10/09/15 13:59
 Date Received: 10/09/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.401	0.200	--	1.98	0.989	--		1
Chloromethane	0.338	0.200	--	0.698	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	28.3	2.50	--	53.3	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	121	1.00	--	287	2.38	--		1
Trichlorofluoromethane	0.230	0.200	--	1.29	1.12	--		1
iso-Propyl Alcohol	4.09	0.500	--	10.1	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	2.16	0.500	--	6.55	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.277	0.200	--	0.863	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	3.22	0.500	--	9.50	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1525755**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS**

Lab ID: L1525755-03
 Client ID: SV-7
 Sample Location: BROOKLYN, NY

Date Collected: 10/09/15 13:59
 Date Received: 10/09/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	0.498	0.200	--	2.43	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.54	0.200	--	5.43	0.705	--		1
1,1,1-Trichloroethane	0.280	0.200	--	1.53	1.09	--		1
Benzene	1.16	0.200	--	3.71	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.305	0.200	--	1.05	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.859	0.200	--	4.62	1.07	--		1
2,2,4-Trimethylpentane	0.287	0.200	--	1.34	0.934	--		1
Heptane	1.42	0.200	--	5.82	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.889	0.500	--	3.64	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	3.65	0.200	--	13.8	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.322	0.200	--	2.18	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.361	0.200	--	1.57	0.869	--		1
p/m-Xylene	1.11	0.400	--	4.82	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1525755**Project Number:** 12306**Report Date:** 10/16/15**SAMPLE RESULTS**

Lab ID: L1525755-03
 Client ID: SV-7
 Sample Location: BROOKLYN, NY

Date Collected: 10/09/15 13:59
 Date Received: 10/09/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.459	0.200	--	1.99	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.532	0.200	--	2.62	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	89		60-140



Project Name: 470 MANHATTAN AVE.

Lab Number: L1525755

Project Number: 12306

Report Date: 10/16/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/15/15 14:08

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG831233-4								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1525755

Project Number: 12306

Report Date: 10/16/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/15/15 14:08

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG831233-4								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1



Project Name: 470 MANHATTAN AVE.

Lab Number: L1525755

Project Number: 12306

Report Date: 10/16/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/15/15 14:08

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG831233-4								
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1



Project Name: 470 MANHATTAN AVE.

Lab Number: L1525755

Project Number: 12306

Report Date: 10/16/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/15/15 14:08

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG831233-4								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1



Project Name: 470 MANHATTAN AVE.

Lab Number: L1525755

Project Number: 12306

Report Date: 10/16/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/15/15 14:08

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG831233-4								
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1525755

Project Number: 12306

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG831233-3								
Chlorodifluoromethane	86		-		70-130	-		
Propylene	97		-		70-130	-		
Propane	72		-		70-130	-		
Dichlorodifluoromethane	116		-		70-130	-		
Chloromethane	96		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	100		-		70-130	-		
Methanol	75		-		70-130	-		
Vinyl chloride	98		-		70-130	-		
1,3-Butadiene	100		-		70-130	-		
Butane	87		-		70-130	-		
Bromomethane	99		-		70-130	-		
Chloroethane	95		-		70-130	-		
Ethyl Alcohol	76		-		70-130	-		
Dichlorofluoromethane	87		-		70-130	-		
Vinyl bromide	95		-		70-130	-		
Acrolein	82		-		70-130	-		
Acetone	94		-		70-130	-		
Acetonitrile	89		-		70-130	-		
Trichlorofluoromethane	100		-		70-130	-		
iso-Propyl Alcohol	91		-		70-130	-		
Acrylonitrile	90		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1525755

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG831233-3								
Pentane	83		-		70-130	-		
Ethyl ether	83		-		70-130	-		
1,1-Dichloroethene	95		-		70-130	-		
tert-Butyl Alcohol	83		-		70-130	-		
Methylene chloride	95		-		70-130	-		
3-Chloropropene	90		-		70-130	-		
Carbon disulfide	95		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	102		-		70-130	-		
trans-1,2-Dichloroethene	88		-		70-130	-		
1,1-Dichloroethane	97		-		70-130	-		
Methyl tert butyl ether	92		-		70-130	-		
Vinyl acetate	102		-		70-130	-		
2-Butanone	93		-		70-130	-		
cis-1,2-Dichloroethene	105		-		70-130	-		
Ethyl Acetate	99		-		70-130	-		
Chloroform	98		-		70-130	-		
Tetrahydrofuran	86		-		70-130	-		
2,2-Dichloropropane	87		-		70-130	-		
1,2-Dichloroethane	93		-		70-130	-		
n-Hexane	94		-		70-130	-		
Isopropyl Ether	85		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1525755

Report Date: 10/16/15

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG831233-3								
Ethyl-Tert-Butyl-Ether	82		-		70-130	-		
1,1,1-Trichloroethane	94		-		70-130	-		
1,1-Dichloropropene	90		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	96		-		70-130	-		
Cyclohexane	89		-		70-130	-		
Tertiary-Amyl Methyl Ether	83		-		70-130	-		
Dibromomethane	90		-		70-130	-		
1,2-Dichloropropane	95		-		70-130	-		
Bromodichloromethane	93		-		70-130	-		
1,4-Dioxane	99		-		70-130	-		
Trichloroethene	103		-		70-130	-		
2,2,4-Trimethylpentane	95		-		70-130	-		
Methyl Methacrylate	84		-		70-130	-		
Heptane	92		-		70-130	-		
cis-1,3-Dichloropropene	100		-		70-130	-		
4-Methyl-2-pentanone	90		-		70-130	-		
trans-1,3-Dichloropropene	82		-		70-130	-		
1,1,2-Trichloroethane	101		-		70-130	-		
Toluene	103		-		70-130	-		
1,3-Dichloropropane	95		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1525755

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG831233-3								
2-Hexanone	101		-		70-130	-		
Dibromochloromethane	106		-		70-130	-		
1,2-Dibromoethane	106		-		70-130	-		
Butyl Acetate	100		-		70-130	-		
Octane	97		-		70-130	-		
Tetrachloroethene	107		-		70-130	-		
1,1,1,2-Tetrachloroethane	100		-		70-130	-		
Chlorobenzene	109		-		70-130	-		
Ethylbenzene	105		-		70-130	-		
p/m-Xylene	106		-		70-130	-		
Bromoform	108		-		70-130	-		
Styrene	106		-		70-130	-		
1,1,1,2-Tetrachloroethane	112		-		70-130	-		
o-Xylene	110		-		70-130	-		
1,2,3-Trichloropropane	98		-		70-130	-		
Nonane (C9)	97		-		70-130	-		
Isopropylbenzene	103		-		70-130	-		
Bromobenzene	97		-		70-130	-		
o-Chlorotoluene	101		-		70-130	-		
n-Propylbenzene	103		-		70-130	-		
p-Chlorotoluene	99		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1525755

Report Date: 10/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG831233-3								
4-Ethyltoluene	103		-		70-130	-		
1,3,5-Trimethylbenzene	107		-		70-130	-		
tert-Butylbenzene	104		-		70-130	-		
1,2,4-Trimethylbenzene	113		-		70-130	-		
Decane (C10)	101		-		70-130	-		
Benzyl chloride	110		-		70-130	-		
1,3-Dichlorobenzene	113		-		70-130	-		
1,4-Dichlorobenzene	114		-		70-130	-		
sec-Butylbenzene	103		-		70-130	-		
p-Isopropyltoluene	98		-		70-130	-		
1,2-Dichlorobenzene	114		-		70-130	-		
n-Butylbenzene	107		-		70-130	-		
1,2-Dibromo-3-chloropropane	98		-		70-130	-		
Undecane	107		-		70-130	-		
Dodecane (C12)	110		-		70-130	-		
1,2,4-Trichlorobenzene	120		-		70-130	-		
Naphthalene	113		-		70-130	-		
1,2,3-Trichlorobenzene	109		-		70-130	-		
Hexachlorobutadiene	111		-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1525755

Report Date: 10/16/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG831233-5 QC Sample: L1525917-02 Client ID: DUP Sample						
Chlorodifluoromethane	0.652	0.655	ppbV	0		25
Dichlorofluoromethane	ND	ND	ppbV	NC		25
Pentane	1.97	1.97	ppbV	0		25
Dibromomethane	ND	ND	ppbV	NC		25
Octane	ND	ND	ppbV	NC		25
1,2,3-Trichloropropane	ND	ND	ppbV	NC		25
Bromobenzene	ND	ND	ppbV	NC		25

Project Name: 470 MANHATTAN AVE.

Serial_No:10161515:04
Lab Number: L1525755

Project Number: 12306

Report Date: 10/16/15

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1525755-01	SV-4	0003	#16 AMB	09/25/15	209914		-	-	-	Pass	17.1	14.6	16
L1525755-01	SV-4	536	2.7L Can	09/25/15	209914	L1523348-01	Pass	-30.0	-7.1	-	-	-	-
L1525755-02	SV-5	0146	#20 SV	09/25/15	209914		-	-	-	Pass	17.9	18.5	3
L1525755-02	SV-5	333	2.7L Can	09/25/15	209914	L1523348-01	Pass	-29.8	-7.3	-	-	-	-
L1525755-03	SV-7	0068	#20 AMB	09/25/15	209914		-	-	-	Pass	17.9	17.4	3
L1525755-03	SV-7	406	2.7L Can	09/25/15	209914	L1523348-01	Pass	-30.0	-7.2	-	-	-	-

Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/16/15

Air Canister Certification Results

Lab ID: L1523348-01
 Client ID: CAN 356 SHELF 8
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 09/21/15 15:47
 Analyst: MB

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/16/15

Air Canister Certification Results

Lab ID: L1523348-01
 Client ID: CAN 356 SHELF 8
 Sample Location:

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/16/15

Air Canister Certification Results

Lab ID: L1523348-01
 Client ID: CAN 356 SHELF 8
 Sample Location:

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/16/15

Air Canister Certification Results

Lab ID: L1523348-01
 Client ID: CAN 356 SHELF 8
 Sample Location:

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/16/15

Air Canister Certification Results

Lab ID:	L1523348-01	Date Collected:	09/18/15 18:00
Client ID:	CAN 356 SHELF 8	Date Received:	09/21/15
Sample Location:		Field Prep:	Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	85		60-140



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/16/15

Air Canister Certification Results

Lab ID: L1523348-01
 Client ID: CAN 356 SHELF 8
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 09/21/15 15:47
 Analyst: MB

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/16/15

Air Canister Certification Results

Lab ID: L1523348-01
 Client ID: CAN 356 SHELF 8
 Sample Location:

Date Collected: 09/18/15 18:00
 Date Received: 09/21/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523348
Report Date: 10/16/15

Air Canister Certification Results

Lab ID: L1523348-01 Date Collected: 09/18/15 18:00
 Client ID: CAN 356 SHELF 8 Date Received: 09/21/15
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	85		60-140

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1525755**Project Number:** 12306**Report Date:** 10/16/15**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal**Cooler**

N/A Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1525755-01A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30)
L1525755-02A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30)
L1525755-03A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1525755
Report Date: 10/16/15

GLOSSARY

Acronyms

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

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: Data Usability Report



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1525755
Report Date: 10/16/15

Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reporting limit (RL) for the sample.

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1525755
Report Date: 10/16/15

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide) (soil), Methyl methacrylate (soil), Azobenzene.

EPA 8270D: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**

EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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



AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: AKrf inc
 Address: 440 Park Ave S, 7th floor
NY NY 10016
 Phone: 646 388 9864
 Fax:
 Email: gJordan@akrf.com

Project Information

Project Name: 470 Manhattan Ave
 Project Location: Brooklyn, NY
 Project #: 12306
 Project Manager: Amy Jordan
 ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Date Rec'd in Lab: 10/10/15

Report Information - Data Deliverables

FAX
 ADEX
 Criteria Checker: _____
 (Default based on Regulatory Criteria Indicated)
 Other Formats: _____
 EMAIL (standard pdf report)
 Additional Deliverables: _____
 Report to: (if different than Project Manager)

ALPHA Job #: L1525755

Billing Information

Same as Client info PO #: 12306

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection					Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS						Sample Comments (i.e. PID)	
		Date	Start Time	End Time	Initial Vacuum	Final Vacuum						TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A		TO-4 / TO-10
25755-01	SV-4	10/9/15	1120	1342	-30.38	-7.37	SV	aj	2.7	536	0003	X							
-02	SV-5	10/9/15	1207	1357	-29.85	-7.50	SV	aj	2.7	333	0146	X							
-03	SV-7	10/9/15	1200	1359	-30.41	-7.39	SV	aj	2.7	406	0068	X							
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type

CS

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By: Amy Jordan Date/Time: 10/9/15 @ 16:00
 Received By: Steve P... Date/Time: 10/9/15 2300
Collect W... Date/Time: 10/10/15 5:15am Bth B...



ANALYTICAL REPORT

Lab Number:	L1524281
Client:	AKRF, Inc. 440 Park Avenue South 7th Floor New York, NY 10016
ATTN:	Amy Jordan
Phone:	(646) 388-9864
Project Name:	470 MANHATTAN AVE.
Project Number:	12306
Report Date:	10/06/15

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Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), ME (MA00030), PA (68-02089), VA (460194), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), USFWS (Permit #LE2069641), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524281
Report Date: 10/06/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1524281-01	SV-1	SOIL_VAPOR	BROOKLYN, NY	09/28/15 13:50	09/28/15
L1524281-02	SV-6	SOIL_VAPOR	BROOKLYN, NY	09/28/15 14:12	09/28/15

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524281
Report Date: 10/06/15

Case Narrative

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

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

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

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

HOLD POLICY

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

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

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524281
Report Date: 10/06/15

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on September 25, 2015. The canister certification results are provided as an addendum.

Samples L1524281-01, -02 and WG827928-5 Duplicate: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

Samples L1524281-01, -02 and WG827928-5 Duplicate The presence of 2,2,4-Trimethylpentane could not be determined in these samples due to a non-target compound interfering with the identification and quantification of this compound.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 10/06/15

AIR

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524281
Report Date: 10/06/15

SAMPLE RESULTS

Lab ID: L1524281-01 D
 Client ID: SV-1
 Sample Location: BROOKLYN, NY
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/05/15 20:04
 Analyst: MB

Date Collected: 09/28/15 13:50
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.400	--	ND	1.98	--		2
Chloromethane	2.65	0.400	--	5.47	0.826	--		2
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
1,3-Butadiene	2.53	0.400	--	5.60	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	0.476	0.400	--	1.26	1.06	--		2
Ethyl Alcohol	44.4	5.00	--	83.7	9.42	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	690	2.00	--	1640	4.75	--		2
Trichlorofluoromethane	0.424	0.400	--	2.38	2.25	--		2
iso-Propyl Alcohol	3.22	1.00	--	7.92	2.46	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
tert-Butyl Alcohol	4.44	1.00	--	13.5	3.03	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
3-Chloropropene	ND	0.400	--	ND	1.25	--		2
Carbon disulfide	13.8	0.400	--	43.0	1.25	--		2
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.400	--	ND	3.07	--		2
trans-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
1,1-Dichloroethane	2.40	0.400	--	9.71	1.62	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
2-Butanone	11.0	1.00	--	32.4	2.95	--		2
cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Ethyl Acetate	ND	1.00	--	ND	3.60	--		2



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524281**Project Number:** 12306**Report Date:** 10/06/15**SAMPLE RESULTS**

Lab ID: L1524281-01 D

Date Collected: 09/28/15 13:50

Client ID: SV-1

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	70.1	0.400	--	342	1.95	--		2
Tetrahydrofuran	ND	1.00	--	ND	2.95	--		2
1,2-Dichloroethane	ND	0.400	--	ND	1.62	--		2
n-Hexane	7.40	0.400	--	26.1	1.41	--		2
1,1,1-Trichloroethane	5.10	0.400	--	27.8	2.18	--		2
Benzene	3.44	0.400	--	11.0	1.28	--		2
Carbon tetrachloride	43.2	0.400	--	272	2.52	--		2
Cyclohexane	5.10	0.400	--	17.6	1.38	--		2
1,2-Dichloropropane	ND	0.400	--	ND	1.85	--		2
Bromodichloromethane	ND	0.400	--	ND	2.68	--		2
1,4-Dioxane	ND	0.400	--	ND	1.44	--		2
Trichloroethene	2.71	0.400	--	14.6	2.15	--		2
2,2,4-Trimethylpentane	ND	0.400	--	ND	1.87	--		2
Heptane	6.46	0.400	--	26.5	1.64	--		2
cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		2
trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Toluene	6.21	0.400	--	23.4	1.51	--		2
2-Hexanone	ND	0.400	--	ND	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	0.872	0.400	--	5.91	2.71	--		2
Chlorobenzene	ND	0.400	--	ND	1.84	--		2
Ethylbenzene	0.718	0.400	--	3.12	1.74	--		2
p/m-Xylene	2.92	0.800	--	12.7	3.47	--		2
Bromoform	ND	0.400	--	ND	4.14	--		2
Styrene	ND	0.400	--	ND	1.70	--		2



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524281**Project Number:** 12306**Report Date:** 10/06/15**SAMPLE RESULTS**

Lab ID: L1524281-01 D

Date Collected: 09/28/15 13:50

Client ID: SV-1

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--		2
o-Xylene	1.04	0.400	--	4.52	1.74	--		2
4-Ethyltoluene	ND	0.400	--	ND	1.97	--		2
1,3,5-Trimethylbenzene	ND	0.400	--	ND	1.97	--		2
1,2,4-Trimethylbenzene	0.544	0.400	--	2.67	1.97	--		2
Benzyl chloride	ND	0.400	--	ND	2.07	--		2
1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--		2
Hexachlorobutadiene	ND	0.400	--	ND	4.27	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	83		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	84		60-140



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524281**Project Number:** 12306**Report Date:** 10/06/15**SAMPLE RESULTS**

Lab ID: L1524281-02 D
 Client ID: SV-6
 Sample Location: BROOKLYN, NY
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/05/15 21:09
 Analyst: MB

Date Collected: 09/28/15 14:12
 Date Received: 09/28/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.418	0.400	--	2.07	1.98	--		2
Chloromethane	ND	0.400	--	ND	0.826	--		2
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
1,3-Butadiene	0.700	0.400	--	1.55	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
Ethyl Alcohol	62.3	5.00	--	117	9.42	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	583	2.00	--	1380	4.75	--		2
Trichlorofluoromethane	ND	0.400	--	ND	2.25	--		2
iso-Propyl Alcohol	2.53	1.00	--	6.22	2.46	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
tert-Butyl Alcohol	5.95	1.00	--	18.0	3.03	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
3-Chloropropene	ND	0.400	--	ND	1.25	--		2
Carbon disulfide	0.662	0.400	--	2.06	1.25	--		2
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.400	--	ND	3.07	--		2
trans-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
1,1-Dichloroethane	ND	0.400	--	ND	1.62	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
2-Butanone	14.6	1.00	--	43.1	2.95	--		2
cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Ethyl Acetate	ND	1.00	--	ND	3.60	--		2



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524281**Project Number:** 12306**Report Date:** 10/06/15**SAMPLE RESULTS**

Lab ID: L1524281-02 D

Date Collected: 09/28/15 14:12

Client ID: SV-6

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.400	--	ND	1.95	--		2
Tetrahydrofuran	ND	1.00	--	ND	2.95	--		2
1,2-Dichloroethane	ND	0.400	--	ND	1.62	--		2
n-Hexane	1.78	0.400	--	6.27	1.41	--		2
1,1,1-Trichloroethane	0.852	0.400	--	4.65	2.18	--		2
Benzene	2.39	0.400	--	7.64	1.28	--		2
Carbon tetrachloride	ND	0.400	--	ND	2.52	--		2
Cyclohexane	0.808	0.400	--	2.78	1.38	--		2
1,2-Dichloropropane	ND	0.400	--	ND	1.85	--		2
Bromodichloromethane	ND	0.400	--	ND	2.68	--		2
1,4-Dioxane	ND	0.400	--	ND	1.44	--		2
Trichloroethene	8.56	0.400	--	46.0	2.15	--		2
2,2,4-Trimethylpentane	ND	0.400	--	ND	1.87	--		2
Heptane	3.98	0.400	--	16.3	1.64	--		2
cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		2
trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Toluene	5.99	0.400	--	22.6	1.51	--		2
2-Hexanone	ND	0.400	--	ND	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	3.30	0.400	--	22.4	2.71	--		2
Chlorobenzene	ND	0.400	--	ND	1.84	--		2
Ethylbenzene	0.756	0.400	--	3.28	1.74	--		2
p/m-Xylene	3.02	0.800	--	13.1	3.47	--		2
Bromoform	ND	0.400	--	ND	4.14	--		2
Styrene	ND	0.400	--	ND	1.70	--		2



Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524281**Project Number:** 12306**Report Date:** 10/06/15**SAMPLE RESULTS**

Lab ID: L1524281-02 D

Date Collected: 09/28/15 14:12

Client ID: SV-6

Date Received: 09/28/15

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,1,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--		2
o-Xylene	1.10	0.400	--	4.78	1.74	--		2
4-Ethyltoluene	ND	0.400	--	ND	1.97	--		2
1,3,5-Trimethylbenzene	ND	0.400	--	ND	1.97	--		2
1,2,4-Trimethylbenzene	0.706	0.400	--	3.47	1.97	--		2
Benzyl chloride	ND	0.400	--	ND	2.07	--		2
1,3-Dichlorobenzene	0.438	0.400	--	2.63	2.40	--		2
1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--		2
Hexachlorobutadiene	ND	0.400	--	ND	4.27	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	83		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	86		60-140



Project Name: 470 MANHATTAN AVE.

Lab Number: L1524281

Project Number: 12306

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/05/15 12:58

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG827928-4								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524281

Project Number: 12306

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/05/15 12:58

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG827928-4								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524281

Project Number: 12306

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/05/15 12:58

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG827928-4								
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524281

Project Number: 12306

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/05/15 12:58

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG827928-4								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1



Project Name: 470 MANHATTAN AVE.

Lab Number: L1524281

Project Number: 12306

Report Date: 10/06/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/05/15 12:58

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG827928-4								
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524281

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG827928-3								
Chlorodifluoromethane	90		-		70-130	-		
Propylene	101		-		70-130	-		
Propane	77		-		70-130	-		
Dichlorodifluoromethane	105		-		70-130	-		
Chloromethane	102		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	104		-		70-130	-		
Methanol	86		-		70-130	-		
Vinyl chloride	103		-		70-130	-		
1,3-Butadiene	112		-		70-130	-		
Butane	93		-		70-130	-		
Bromomethane	100		-		70-130	-		
Chloroethane	102		-		70-130	-		
Ethyl Alcohol	86		-		70-130	-		
Dichlorofluoromethane	92		-		70-130	-		
Vinyl bromide	102		-		70-130	-		
Acrolein	94		-		70-130	-		
Acetone	102		-		70-130	-		
Acetonitrile	98		-		70-130	-		
Trichlorofluoromethane	103		-		70-130	-		
iso-Propyl Alcohol	104		-		70-130	-		
Acrylonitrile	98		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524281

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG827928-3								
Pentane	92		-		70-130	-		
Ethyl ether	92		-		70-130	-		
1,1-Dichloroethene	100		-		70-130	-		
tert-Butyl Alcohol	91		-		70-130	-		
Methylene chloride	98		-		70-130	-		
3-Chloropropene	94		-		70-130	-		
Carbon disulfide	98		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	103		-		70-130	-		
trans-1,2-Dichloroethene	91		-		70-130	-		
1,1-Dichloroethane	98		-		70-130	-		
Methyl tert butyl ether	99		-		70-130	-		
Vinyl acetate	104		-		70-130	-		
2-Butanone	97		-		70-130	-		
cis-1,2-Dichloroethene	108		-		70-130	-		
Ethyl Acetate	103		-		70-130	-		
Chloroform	102		-		70-130	-		
Tetrahydrofuran	92		-		70-130	-		
2,2-Dichloropropane	91		-		70-130	-		
1,2-Dichloroethane	100		-		70-130	-		
n-Hexane	99		-		70-130	-		
Isopropyl Ether	87		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524281

Project Number: 12306

Report Date: 10/06/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG827928-3								
Ethyl-Tert-Butyl-Ether	89		-		70-130	-		
1,1,1-Trichloroethane	99		-		70-130	-		
1,1-Dichloropropene	96		-		70-130	-		
Benzene	97		-		70-130	-		
Carbon tetrachloride	101		-		70-130	-		
Cyclohexane	95		-		70-130	-		
Tertiary-Amyl Methyl Ether	89		-		70-130	-		
Dibromomethane	94		-		70-130	-		
1,2-Dichloropropane	99		-		70-130	-		
Bromodichloromethane	98		-		70-130	-		
1,4-Dioxane	103		-		70-130	-		
Trichloroethene	103		-		70-130	-		
2,2,4-Trimethylpentane	98		-		70-130	-		
Methyl Methacrylate	92		-		70-130	-		
Heptane	98		-		70-130	-		
cis-1,3-Dichloropropene	105		-		70-130	-		
4-Methyl-2-pentanone	97		-		70-130	-		
trans-1,3-Dichloropropene	91		-		70-130	-		
1,1,2-Trichloroethane	104		-		70-130	-		
Toluene	98		-		70-130	-		
1,3-Dichloropropane	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524281

Project Number: 12306

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG827928-3								
2-Hexanone	102		-		70-130	-		
Dibromochloromethane	102		-		70-130	-		
1,2-Dibromoethane	102		-		70-130	-		
Butyl Acetate	96		-		70-130	-		
Octane	93		-		70-130	-		
Tetrachloroethene	97		-		70-130	-		
1,1,1,2-Tetrachloroethane	94		-		70-130	-		
Chlorobenzene	100		-		70-130	-		
Ethylbenzene	101		-		70-130	-		
p/m-Xylene	102		-		70-130	-		
Bromoform	102		-		70-130	-		
Styrene	102		-		70-130	-		
1,1,1,2-Tetrachloroethane	106		-		70-130	-		
o-Xylene	106		-		70-130	-		
1,2,3-Trichloropropane	94		-		70-130	-		
Nonane (C9)	94		-		70-130	-		
Isopropylbenzene	96		-		70-130	-		
Bromobenzene	94		-		70-130	-		
o-Chlorotoluene	96		-		70-130	-		
n-Propylbenzene	95		-		70-130	-		
p-Chlorotoluene	95		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Lab Number: L1524281

Project Number: 12306

Report Date: 10/06/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG827928-3								
4-Ethyltoluene	98		-		70-130	-		
1,3,5-Trimethylbenzene	102		-		70-130	-		
tert-Butylbenzene	97		-		70-130	-		
1,2,4-Trimethylbenzene	108		-		70-130	-		
Decane (C10)	98		-		70-130	-		
Benzyl chloride	110		-		70-130	-		
1,3-Dichlorobenzene	105		-		70-130	-		
1,4-Dichlorobenzene	106		-		70-130	-		
sec-Butylbenzene	98		-		70-130	-		
p-Isopropyltoluene	92		-		70-130	-		
1,2-Dichlorobenzene	105		-		70-130	-		
n-Butylbenzene	103		-		70-130	-		
1,2-Dibromo-3-chloropropane	97		-		70-130	-		
Undecane	106		-		70-130	-		
Dodecane (C12)	110		-		70-130	-		
1,2,4-Trichlorobenzene	108		-		70-130	-		
Naphthalene	103		-		70-130	-		
1,2,3-Trichlorobenzene	96		-		70-130	-		
Hexachlorobutadiene	98		-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524281

Report Date: 10/06/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG827928-5 QC Sample: L1524281-01 Client ID: SV-1						
Dichlorodifluoromethane	ND	0.444	ppbV	NC		25
Chloromethane	2.65	2.77	ppbV	4		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	2.53	2.63	ppbV	4		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	0.476	0.472	ppbV	1		25
Ethyl Alcohol	44.4	45.4	ppbV	2		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	690	711	ppbV	3		25
Trichlorofluoromethane	0.424	0.448	ppbV	6		25
iso-Propyl Alcohol	3.22	3.36	ppbV	4		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
tert-Butyl Alcohol	4.44	4.65	ppbV	5		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	13.8	13.9	ppbV	1		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524281

Report Date: 10/06/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG827928-5 QC Sample: L1524281-01 Client ID: SV-1					
1,1-Dichloroethane	2.40	2.45	ppbV	2	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
2-Butanone	11.0	11.4	ppbV	4	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Chloroform	70.1	71.5	ppbV	2	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	7.40	7.58	ppbV	2	25
1,1,1-Trichloroethane	5.10	5.21	ppbV	2	25
Benzene	3.44	3.49	ppbV	1	25
Carbon tetrachloride	43.2	42.6	ppbV	1	25
Cyclohexane	5.10	5.09	ppbV	0	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
Trichloroethene	2.71	2.71	ppbV	0	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25
Heptane	6.46	6.80	ppbV	5	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524281

Report Date: 10/06/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG827928-5 QC Sample: L1524281-01 Client ID: SV-1					
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	6.21	6.24	ppbV	0	25
2-Hexanone	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	0.872	0.882	ppbV	1	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	0.718	0.710	ppbV	1	25
p/m-Xylene	2.92	2.88	ppbV	1	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	1.04	1.05	ppbV	1	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.544	0.550	ppbV	1	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Lab Number: L1524281

Report Date: 10/06/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG827928-5 QC Sample: L1524281-01 Client ID: SV-1					
Benzyl chloride	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Project Name: 470 MANHATTAN AVE.

Project Number: 12306

Serial_No:10061513:03
Lab Number: L1524281

Report Date: 10/06/15

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1524281-01	SV-1	0555	#20 AMB	09/25/15	209914		-	-	-	Pass	18	16.6	8
L1524281-01	SV-1	152	2.7L Can	09/25/15	209914	L1523251-01	Pass	-29.9	-7.8	-	-	-	-
L1524281-02	SV-6	0244	#20 AMB	09/25/15	209914		-	-	-	Pass	17.9	18.2	2
L1524281-02	SV-6	174	2.7L Can	09/25/15	209914	L1522821-01	Pass	-29.9	-6.4	-	-	-	-

Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1522821
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1522821-01
 Client ID: CAN 174 SHELF 7
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 09/16/15 20:10
 Analyst: MB

Date Collected: 09/15/15 18:00
 Date Received: 09/16/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1522821
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1522821-01
 Client ID: CAN 174 SHELF 7
 Sample Location:

Date Collected: 09/15/15 18:00
 Date Received: 09/16/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1522821
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1522821-01
 Client ID: CAN 174 SHELF 7
 Sample Location:

Date Collected: 09/15/15 18:00
 Date Received: 09/16/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1522821
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1522821-01
 Client ID: CAN 174 SHELF 7
 Sample Location:

Date Collected: 09/15/15 18:00
 Date Received: 09/16/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1522821
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1522821-01 Date Collected: 09/15/15 18:00
 Client ID: CAN 174 SHELF 7 Date Received: 09/16/15
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	70		60-140



Project Name:

Lab Number: L1522821

Project Number: CANISTER QC BAT

Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1522821-01
 Client ID: CAN 174 SHELF 7
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 09/16/15 21:25
 Analyst: MB

Date Collected: 09/15/15 18:00
 Date Received: 09/16/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1522821
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1522821-01
 Client ID: CAN 174 SHELF 7
 Sample Location:

Date Collected: 09/15/15 18:00
 Date Received: 09/16/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name:

Lab Number: L1522821

Project Number: CANISTER QC BAT

Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1522821-01

Date Collected: 09/15/15 18:00

Client ID: CAN 174 SHELF 7

Date Received: 09/16/15

Sample Location:

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	85		60-140

Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523251
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523251-01
 Client ID: CAN 152 SHELF 2
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 09/18/15 17:28
 Analyst: RY

Date Collected: 09/17/15 18:00
 Date Received: 09/18/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523251
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523251-01
 Client ID: CAN 152 SHELF 2
 Sample Location:

Date Collected: 09/17/15 18:00
 Date Received: 09/18/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523251
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523251-01
 Client ID: CAN 152 SHELF 2
 Sample Location:

Date Collected: 09/17/15 18:00
 Date Received: 09/18/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523251
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523251-01
 Client ID: CAN 152 SHELF 2
 Sample Location:

Date Collected: 09/17/15 18:00
 Date Received: 09/18/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523251
Report Date: 10/06/15

Air Canister Certification Results

Lab ID:	L1523251-01	Date Collected:	09/17/15 18:00
Client ID:	CAN 152 SHELF 2	Date Received:	09/18/15
Sample Location:		Field Prep:	Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	126		60-140
Bromochloromethane	118		60-140
chlorobenzene-d5	115		60-140



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523251
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523251-01
 Client ID: CAN 152 SHELF 2
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 09/18/15 17:28
 Analyst: RY

Date Collected: 09/17/15 18:00
 Date Received: 09/18/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1523251
Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523251-01
 Client ID: CAN 152 SHELF 2
 Sample Location:

Date Collected: 09/17/15 18:00
 Date Received: 09/18/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name:

Lab Number: L1523251

Project Number: CANISTER QC BAT

Report Date: 10/06/15

Air Canister Certification Results

Lab ID: L1523251-01

Date Collected: 09/17/15 18:00

Client ID: CAN 152 SHELF 2

Date Received: 09/18/15

Sample Location:

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	100		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	98		60-140

Project Name: 470 MANHATTAN AVE.**Lab Number:** L1524281**Project Number:** 12306**Report Date:** 10/06/15**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal**Cooler**

N/A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524281-01A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30)
L1524281-02A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524281
Report Date: 10/06/15

GLOSSARY

Acronyms

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

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: Data Usability Report



Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524281
Report Date: 10/06/15

Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reporting limit (RL) for the sample.

Project Name: 470 MANHATTAN AVE.
Project Number: 12306

Lab Number: L1524281
Report Date: 10/06/15

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide) (soil), Methyl methacrylate (soil), Azobenzene.

EPA 8270D: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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



AIR ANALYSIS

CHAIN OF CUSTODY

PAGE 1 OF 1

320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: AKRF
 Address: 440 Park Ave South
 Phone: 610-405-2847
 Fax:
 Email: AJordan@AKRF.com

These samples have been previously analyzed by Alpha

Project Information

Project Name: 470 Manhattan Ave
 Project Location: Brooklyn, NY
 Project #: 12306
 Project Manager: Amy Jordan
 ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Date Rec'd in Lab: 9/29/15

Report Information - Data Deliverables

FAX
 ADEx
 Criteria Checker: _____
 (Default based on Regulatory Criteria Indicated)
 Other Formats: _____
 EMAIL (standard pdf report)
 Additional Deliverables:
 Report to: (if different than Project Manager)

ALPHA Job #: L1524281

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection			Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS						Sample Comments (i.e. PID)
		Date	Start Time	End Time								TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	
<u>24281.01</u>	<u>SV-1</u>	<u>9/28</u>	<u>1150</u>	<u>1300</u>	<u>30.42</u>	<u>7.84</u>	<u>SV</u>	<u>KH</u>	<u>2.7</u>	<u>152</u>	<u>0555</u>	<u>X</u>						
<u>.02</u>	<u>SV-6</u>	<u>9/28</u>	<u>1212</u>	<u>1412</u>	<u>30.17</u>	<u>6.26</u>	<u>SV</u>	<u>KH</u>	<u>2.7</u>	<u>174</u>	<u>0244</u>	<u>X</u>						

***SAMPLE MATRIX CODES**

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
<u>[Signature]</u>	<u>9/28 1625</u>	<u>[Signature]</u>	<u>9/28 1625</u>
<u>[Signature]</u>	<u>9/28/15 1920</u>	<u>[Signature]</u>	<u>9-28-15 1920</u>
<u>[Signature]</u>	<u>9-29-15 0050</u>	<u>[Signature]</u>	<u>9/29/15 0050</u>